

# Recombinant Human AEBP2 Protein, GST-tagged

**Cat. No.** AEBP2-395H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human AEBP2 full-length ORF ( NP_694939.1, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | AEBP2 (AE Binding Protein 2) is a Protein Coding gene. Diseases associated with AEBP2 include Waardenburg Syndrome, Type 4A. Among its related pathways are Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 and Chromatin organization. GO annotations related to this gene include RNA polymerase II core promoter proximal region sequence-specific DNA binding and transcriptional repressor activity, RNA polymerase II core promoter proximal region sequence-specific binding. |
| <b>Molecular Mass</b>   | 59.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MSSDGEPLSRMDSEDSISSTIMDVDSTISSGRSTPAMMNGQGSTTSSSKNIAYNCC<br>WDQCQACFNSSPDLADHIRSIHVDGQRGGVFVCLWKGCKVYNTPTSQSWLQRH<br>MLTHSGDKPFKCVVGGCNASFASQGGLARHVP THFSQQNSSKVSSQPKAKEESPS<br>KAGMKNRRKLKNKRRRSLPRPHDFFDAQTLDAIRHRAICFNLSAHIESLGKGHSVVF<br>HSTVIAKRKEDSGKIKLLLHWMPEDILPDVWVNESERHQLKTKVVHLSKLPKDTALLL<br>DPNIYRTMPQKRLKR                                                                                                                                                                                                          |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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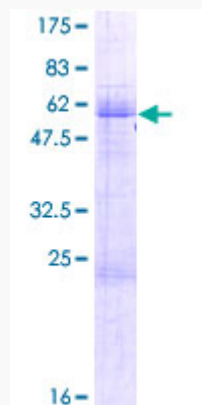
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                              |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                  |
| <b>Storage</b>          | Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                |
| <b>GENE INFORMATION</b> |                                                                                                                                                                         |
| <b>Gene Name</b>        | AEBP2 AE binding protein 2 [ Homo sapiens ]                                                                                                                             |
| <b>Official Symbol</b>  | AEBP2                                                                                                                                                                   |
| <b>Synonyms</b>         | AEBP2; AE binding protein 2; zinc finger protein AEBP2; MGC17922; AE-binding protein 2; adipocyte enhancer-binding protein 2; AE(adipocyte enhancer)-binding protein 2; |
| <b>Gene ID</b>          | 121536                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_001114176                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_001107648                                                                                                                                                            |
| <b>UniProt ID</b>       | Q6ZN18                                                                                                                                                                  |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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