

Recombinant Human CREBL2 cell lysate

Cat. No. CREBL2-398HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	<p>cAMP response element (CRE)-binding protein-like-2 (CREBL2) was identified in a search to find genes in a commonly deleted region on chromosome 12p13 flanked by ETV6 and CDKN1B genes, frequently associated with hematopoietic malignancies, as well as breast, non-small-cell lung and ovarian cancers. CREBL2 shares a 41% identity with CRE-binding protein (CREB) over a 48-base long region which encodes the bZip domain of CREB. The bZip domain consists of about 30 amino acids rich in basic residues involved in DNA binding, followed by a leucine zipper motif involved in protein dimerization. This suggests that CREBL2 encodes a protein with DNA binding capabilities. The occurrence of CREBL2 deletion in malignancy suggests that CREBL2 may act as a tumor suppressor gene.</p>
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CREBL2 cAMP responsive element binding protein-like 2 [Homo sapiens]
Official Symbol	CREBL2

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Synonyms	CREBL2; cAMP responsive element binding protein-like 2; cAMP-responsive element-binding protein-like 2; MHBS-binding protein 1; MGC117311; MGC138362;
Gene ID	1389
mRNA Refseq	NM_001310
Protein Refseq	NP_001301
MIM	603476
UniProt ID	O60519
Chromosome Location	12p13
Function	protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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