

Human PEBP1 Knockdown Cell Lysate

Cat. No. PEBP1-267HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PEBP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the phosphatidylethanolamine-binding family of proteins and has been shown to modulate multiple signaling pathways, including the MAP kinase (MAPK), NF-kappa B, and glycogen synthase kinase-3 (GSK-3) signaling pathways. The encoded protein can be further processed to form a smaller cleavage product, hippocampal cholinergic neurostimulating peptide (HCNP), which may be involved in neural development. This gene has been implicated in numerous human cancers and may act as a metastasis suppressor gene. Multiple pseudogenes of this gene have been identified in the genome.
Form	Cell-Tissue Lysis buffer
Molecular Mass	21 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PEBP1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PEBP1 phosphatidylethanolamine binding protein 1 [Homo sapiens (human)]
Official Symbol	PEBP1
Synonyms	PEBP1; phosphatidylethanolamine binding protein 1; PBP, prostatic binding protein; phosphatidylethanolamine-binding protein 1; HCNP; hippocampal cholinergic neurostimulating peptide; PEBP; Raf kinase inhibitory protein; RKIP; neuropolypeptide h3; prostatic binding protein; prostatic-binding protein; raf kinase inhibitor protein; PBP; HCNPpp; PEBP-1;
Gene ID	5037
mRNA Refseq	NM_002567
Protein Refseq	NP_002558
MIM	604591
UniProt ID	P30086

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