

HEBP1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17264a

Specification

HEBP1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9NRV9
Other Accession	NP_057071.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21097
Antigen Region	5-32

HEBP1 Antibody (N-term) - Additional Information

Gene ID 50865

Other Names

Heme-binding protein 1, p22HBP, HEBP1, HBP

Target/Specificity

This HEBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-32 amino acids from the N-terminal region of human HEBP1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HEBP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HEBP1 Antibody (N-term) - Protein Information

Name HEBP1

Synonyms HBP

Function May bind free porphyrinogens that may be present in the cell and thus facilitate removal of these potentially toxic compound. Binds with a high affinity to one molecule of heme or porphyrins. It binds metalloporphyrins, free porphyrins and N-methylprotoporphyrin with similar affinities.

Cellular Location

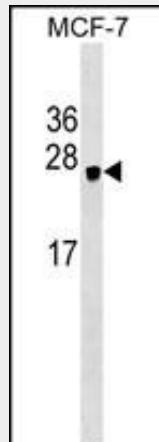
Cytoplasm.

HEBP1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HEBP1 Antibody (N-term) - Images



HEBP1 Antibody (N-term) (Cat. #AP17264a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the HEBP1 antibody detected the HEBP1 protein (arrow).

HEBP1 Antibody (N-term) - Background

The full-length protein encoded by this gene is an intracellular tetrapyrrole-binding protein. This protein includes a natural chemoattractant peptide of 21 amino acids at the N-terminus, which is a natural ligand for formyl peptide receptor-like receptor 2 (FPRL2) and promotes calcium mobilization and chemotaxis in monocytes and dendritic cells. [provided by RefSeq].

HEBP1 Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Lambert, N.A. Sci Signal 1 (25), RE5 (2008) :
Gao, J.L., et al. J. Immunol. 178(3):1450-1456(2007)