

Rabbit HBZ Polyclonal Antibody | anti-HBZ antibody

HBZ antibody - N-terminal region

CATALOG # AAA199076	HOST Rabbit	REACTIVITY Cow, Goat, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

HBZ; Polyclonal Antibody; HBZ antibody - N-terminal region; anti-HBZ antibody

PRODUCT SPECIFICATIONS

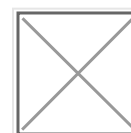
Host	Rabbit
Reactivity	Cow, Goat, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: ER LFLSHPQTKT YFPFDLHPG SAQLRAHGSK VVAAVGDAVK SIDDIGGA
Sequence Length	142
Applicable Applications for anti-HBZ antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Goat: 93%; Horse: 86%; Human: 100%; Mouse: 85%; Pig: 93%; Rabbit: 92%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HBZ
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-HBZ Antibody Titration: 1.25ug/ml Positive Control: K562 cell lysate HBZ is supported by BioGPS gene expression data to be expressed in K562



IHC (Immunohistochemistry)

Rabbit Anti-HBZ Antibody Paraffin Embedded Tissue: Human Liver Cellular Data: Hemopoietic Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-HBZ antibody	This is a rabbit polyclonal antibody against HBZ. It was validated on Western Blot and immunohistochemistry Target Description: Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult like. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 -alpha-1 - theta1 - 3'.Zeta-globin (HBZ) is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult like. The zeta-globin gene is a member of the human alpha-globin gene cluster that involves 4 functional genes and 3 nonfunctional pseudogenes. The order of genes is: 5'- zeta -- pseudozeta -- pseudoalpha2 -- pseudoalpha1 -- alpha2 -- alph1 -- theta1-3'.
Product Categories/Family for anti-HBZ antibody	Polyclonal; Transcription Regulation; Developmental Biology; Tissue Specific & Cell Marker; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885397
NCBI GeneID	3050
NCBI Accession #	NP_005323
NCBI GenBank Nucleotide #	NM_005332
UniProt Accession #	P02008
Molecular Weight	16kDa
NCBI Official Full Name	hemoglobin subunit zeta
NCBI Official Synonym Full Names	hemoglobin subunit zeta
NCBI Official Symbol	HBZ
NCBI Official Synonym Symbols	HBZ1; HBZ-T1
NCBI Protein Information	hemoglobin subunit zeta
UniProt Protein Name	Hemoglobin subunit zeta
UniProt Gene Name	HBZ
UniProt Synonym Gene Names	HBZ2
UniProt Entry Name	HBAZ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hbz-antibody-western-blot-immunohistochemistry-elisa/199076>