



Anti-HBZ (aa 37-86) polyclonal antibody (CPBT-35853RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human HBZ.
Antigen 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 life. 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.
Specificity	Red blood cells.
Immunogen	A region within synthetic peptide: HPQTKTYFPH FDLHPGSAQL RAHGSKVVAA VGDAVKSIDD IGGALSKLSE, corresponding to amino acids 37-86 of Human HBZ
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ELISA
Sequence Similarities	Belongs to the globin family.
Format	Liquid
Size	100 µg

Buffer	Preservative: None Constituents: 2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	HBZ hemoglobin, zeta [Homo sapiens]
Official Symbol	HBZ
Synonyms	HBZ; hemoglobin, zeta; hemoglobin subunit zeta; HBAZ; HBAZ_HUMAN; HBZ 2; HBZ; HBZ2; Hemoglobin subunit zeta; Hemoglobin zeta; Hemoglobin zeta chain; Zeta globin; Zeta-globin; HBAZ; zeta-globin; hemoglobin zeta chain;
Entrez Gene ID	3050
Protein Refseq	NP_005323
UniProt ID	P02008
Chromosome Location	16p13.3
Function	heme binding; metal ion binding; oxygen binding; oxygen transporter activity;