

Rabbit anti-Mouse HEXB Polyclonal Antibody | anti-HEXB antibody

HEXB Rabbit anti-Mouse Polyclonal (aa294-435) Antibody

CATALOG # AAA163267	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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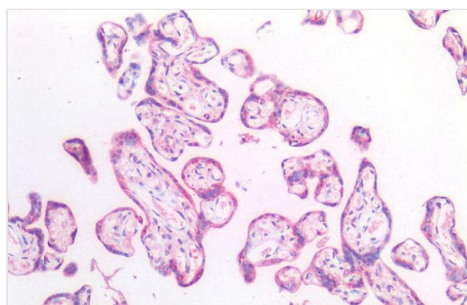
PRODUCT SYNONYMS

HEXB; Polyclonal Antibody; HEXB Rabbit anti-Mouse Polyclonal (aa294-435) Antibody; PathPlus HEXB Antibody (aa294-435); Beta-hexosaminidase; Beta-N-acetylhexosaminidase; Beta-hexosaminidase beta chain; HCC-7; Hexosaminidase subunit B; N-acetyl-beta- glucosaminidase; ENC-1AS; anti-HEXB antibody

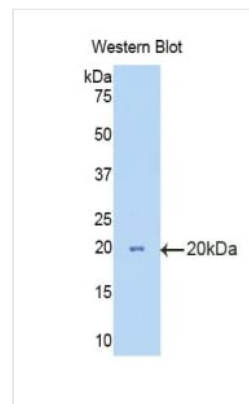
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against HEXb.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	PBS, pH7.4, 0.02% Sodium Azide, 50% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HEXB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target	Mouse HEXB
Immunogen	Recombinant HEXb (Lys294-Tyr435) expressed in E Coli.
Conjugation	Unconjugated
Epitope	aa294-435
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months.

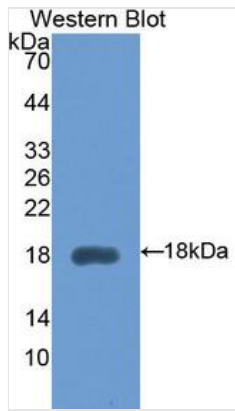
IMAGES



IHC (Immunohistochemistry)
HEXB Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
HEXB Antibody-Western blot of recombinant HEXB. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)
 HEXB Antibody-Western Blot; Sample: Recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti- HEXB antibody	HEXB antibody is an unconjugated rabbit polyclonal antibody to mouse HEXB (aa294-435). Validated for IHC and WB. HEXB (Hexosaminidase B subunit beta) is the beta subunit of the lysosomal enzyme beta-hexosaminidase that catalyzes the degradation of the ganglioside GM2 and other molecules containing terminal N-acetyl hexosamines. Mutations in the alpha or beta subunit genes of beta-hexosaminidase lead to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Beta subunit gene mutations lead to Sandhoff disease (GM2-gangliosidosis type II), a lysosomal disorder characterized by progressive neurodegeneration and childhood mortality. In immunohistochemistry of normal tissue, HEXB has cytoplasmic positivity in the lung, epididymis, testes, prostate, heart muscle, some immune tissues, gastrointestinal tissues, endocrine tissues, the kidney, the pancreas and the brain.
References	The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804; PLoS One. 2012; 7(7): e41516, PMID: 22848519;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504373
NCBI GeneID	3074
NCBI Accession #	NP_000512.1
NCBI GenBank Nucleotide #	NM_000521
UniProt Accession #	P07686
Molecular Weight	63,111 Da
NCBI Official Full Name	beta-hexosaminidase subunit beta preproprotein
NCBI Official Synonym Full Names	hexosaminidase B (beta polypeptide)
NCBI Official Symbol	HEXB
NCBI Official Synonym Symbols	ENC-1AS
NCBI Protein Information	beta-hexosaminidase subunit beta; HCC-7; hexosaminidase subunit B; beta-N-acetylhexosaminidase subunit beta; cervical cancer proto-oncogene 7 protein; N-acetyl-beta-glucosaminidase subunit beta
UniProt Protein Name	Beta-hexosaminidase subunit beta
UniProt Gene Name	HEXB
UniProt Synonym Gene Names	Hexosaminidase subunit B; HCC-7
UniProt Entry Name	HEXB_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://www.aaabiotech.com/polyclonal/hexb-antibody-western-blot-immunohistochemistry-elisa/163267>