

Rabbit Beta-hexosaminidase subunit beta Polyclonal Antibody | anti-HEXB antibody

Anti-HEXB Antibody

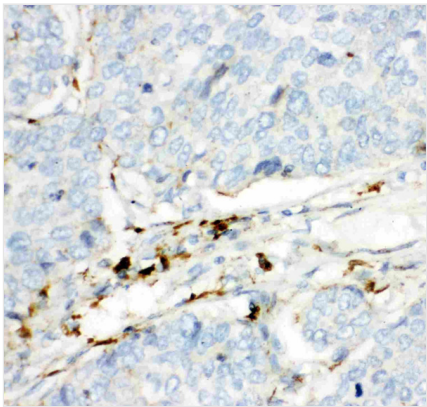
CATALOG # AAA46076	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

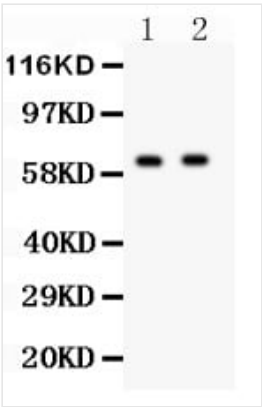
Beta-hexosaminidase subunit beta; Polyclonal Antibody; Anti-HEXB Antibody; Beta hexosaminidase beta chain antibody; Beta hexosaminidase subunit beta antibody; Beta N acetylhexosaminidase antibody; Beta-hexosaminidase subunit beta chain A antibody; Beta-N-acetylhexosaminidase subunit beta antibody; Cervical cancer proto oncogene 7 protein antibody; Cervical cancer proto-oncogene 7 protein antibody; ENC 1AS antibody; HCC 7 antibody; HCC-7 antibody; HCC7 antibody; HEX B antibody; Hexb antibody; HEXB_HUMAN antibody; Hexosaminidase B (beta polypeptide) antibody; Hexosaminidase B antibody; Hexosaminidase subunit B antibody; HexosaminidaseB antibody; N acetyl beta glucosaminidase antibody; N-acetyl-beta-glucosaminidase subunit beta antibody; hexosaminidase B (beta polypeptide); anti-HEXB antibody

PRODUCT SPECIFICATIONS

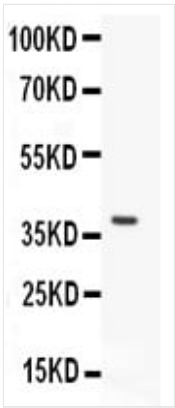
Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	556
Applicable Applications for anti-HEXB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human HEXB recombinant protein (Position: K381-M556). Human HEXB shares 75% and 73% amino acid (aa) sequences identity with mouse and rat HEXB, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemisry)
Anti- HEXB antibody, AAA46076,IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti- HEXB antibody, AAA46076, Western blottingAll lanes: Anti HEXB (AAA46076) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 63KDObserved bind size: 63KD



WB (Western Blot)
Anti- HEXB antibody, AAA46076, Western blottingAll lanes: Anti HEXB (AAA46076) at 0.5ug/mlWB: Recombinant Human HEXB Protein 0.5ngPredicted bind size: 38KDObserved bind size: 38KD

ADDITIONAL INFORMATION

Related Product Information for anti-HEXB antibody

Description: Rabbit IgG polyclonal antibody for Beta-hexosaminidase subunit beta(HEXB) detection. Tested with WB, IHC-P in Human.

Background: Beta-hexosaminidase subunit beta (HEXB) is an enzyme that in humans is encoded by the HEXB gene. It is mapped to 5q13.3. HEXB is the beta subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta subunit gene mutations lead to Sandhoff disease (GM2-gangliosidosis type II). It has been found that HEXB is a peptidoglycan hydrolase and it is involved in restricting mycobacteria growth even before the onset of adaptive immunity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504373
NCBI GeneID	3074
NCBI Accession #	NP_000512.1
NCBI GenBank Nucleotide #	NM_000521.3
UniProt Accession #	P07686
Molecular Weight	63,111 Da

NCBI Official Full Name	beta-hexosaminidase subunit beta isoform 1 preproprotein
NCBI Official Synonym Full Names	hexosaminidase B (beta polypeptide)
NCBI Official Symbol	HEXB
NCBI Official Synonym Symbols	ENC-1AS; HEL-248
NCBI Protein Information	beta-hexosaminidase subunit beta; HCC-7; hexosaminidase subunit B; epididymis luminal protein 248; 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://stage.aaabiotech.com/polyclonal/beta-hexosaminidase-subunit-beta-antibody-immunohistochemistry-western-blot-elisa/46076>