

Rabbit anti-Human HEXA Polyclonal Antibody | anti-HEXA antibody

HEXA Antibody (Center)

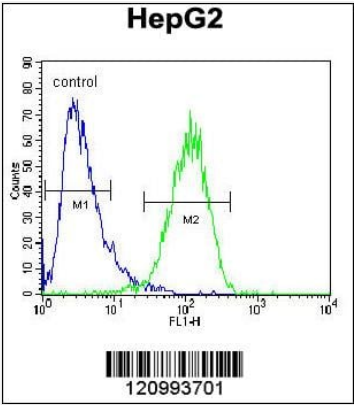
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283928	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

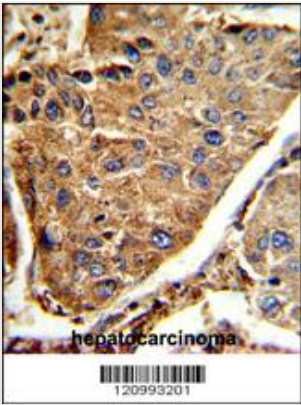
HEXA; Polyclonal Antibody; HEXA Antibody (Center); Beta-hexosaminidase subunit alpha; Beta-N-acetylhexosaminidase subunit alpha; Hexosaminidase subunit A; N-acetyl-beta-glucosaminidase subunit alpha; anti-HEXA antibody

PRODUCT SPECIFICATIONS

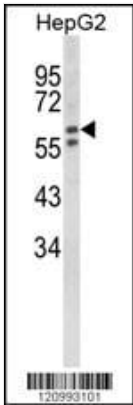
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HEXA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-343 amino acids from the Central region of human HEXA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	315-343
Sequence Length	529
Applicable Applications for anti-HEXA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HEXA Antibody (Center) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with HEXA Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HEXA Antibody (Center) in HepG2 cell line lysates (35ug/lane). HEXA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HEXA antibody	HEXA is the alpha 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-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl hydrolases.
Product Categories/Family for anti-HEXA antibody	Neuroscience
References	Park,N.J., et.al., Pediatr. Res. (2009) Pennybacker,M., et.al., J. Biol. Chem. 271 (29), 17377-17382 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189181666
NCBI GeneID	3073
NCBI Accession #	NP_000511.2
NCBI GenBank Nucleotide #	NM_000520.4
UniProt Accession #	P06865; Q53HS8; Q6AI32; B4DKE7; E7ENH7

Molecular Weight	60703
NCBI Official Full Name	beta-hexosaminidase subunit alpha preproprotein
NCBI Official Synonym Full Names	hexosaminidase A (alpha polypeptide)
NCBI Official Symbol	HEXA
NCBI Official Synonym Symbols	TSD
NCBI Protein Information	beta-hexosaminidase subunit alpha
UniProt Protein Name	Beta-hexosaminidase subunit alpha
UniProt Gene Name	HEXA
UniProt Synonym Gene Names	Hexosaminidase subunit A
UniProt Entry Name	HEXA_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/hexa-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283928>