

HEXDC Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22102a

Product Information

Application	WB, E
Primary Accession	Q8WVB3
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55881
Calculated MW	53790

Additional Information

Gene ID	284004
Other Names	Hexosaminidase D, 3.2.1.52, Beta-N-acetylhexosaminidase, Beta-hexosaminidase D, Hexosaminidase domain-containing protein, N-acetyl-beta-galactosaminidase, HEXDC
Target/Specificity	This HEXDC antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 135-166 amino acids from human HEXDC.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HEXDC Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HEXD (HGNC:26307)
Function	Has hexosaminidase activity. Responsible for the cleavage of the monosaccharides N-acetylglucosamine (GlcNAc) and N- acetylgalactosamine (GalNAc) from cellular substrates. Has a preference for galactosaminide over glucosaminide substrates (PubMed: 27149221).

Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q3U4H6}. Nucleus {ECO:0000250 UniProtKB:Q3U4H6}. Extracellular vesicle
Tissue Location	Expressed in synovial fibroblasts and synovial membranes.

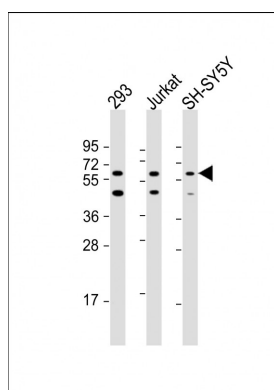
Background

Has hexosaminidase activity.

References

Gutternigg M.,et al.Biochem. J. 419:83-90(2009).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



All lanes : Anti-HEXDC Antibody (N-Term) at 1:2000 dilution
Lane 1: 293 whole cell lysate
Lane 2: Jurkat whole cell lysate
Lane 3: SH-SY5Y whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.