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HEXDC Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22102a

Product Information

Application	WB, E
Primary Accession	Q8WVB3
Reactivity	Human
Predicted	Canine, Rabbit
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.

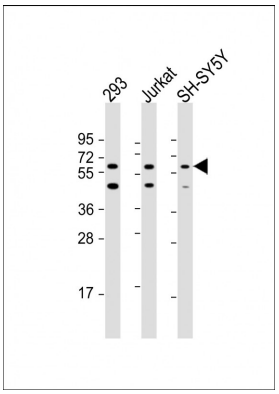
Background

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'.