

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).

Cytoplasm {ECO:0000250 | UniProtKB:Q3U4H6}. Nucleus

{ECO:0000250|UniProtKB:Q3U4H6}. Extracellular vesicle

Tissue Location Expressed in synovial fibroblasts and synovial membranes.

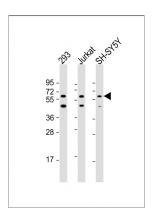
Background

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'.