

HEXDC Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22102a**Specification**

HEXDC Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	Q8WVB3
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	53790
Antigen Region	135-166

HEXDC Antibody (N-Term) - 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.

HEXDC Antibody (N-Term) - 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

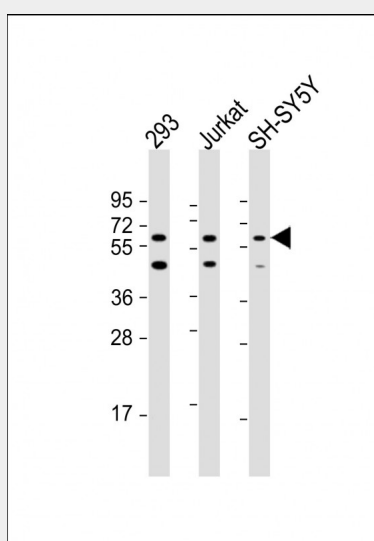
Expressed in synovial fibroblasts and synovial membranes.

HEXDC Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HEXDC Antibody (N-Term) - 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% NFD/MTBST.

HEXDC Antibody (N-Term) - Background

Has hexosaminidase activity.

HEXDC Antibody (N-Term) - 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).