

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

GALNS antibody

CATALOG # AAA302977	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GALNS; Polyclonal Antibody; GALNS antibody; anti-GALNS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	522
Applicable Applications for anti-GALNS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 20 and 269 of GALNS
Target Name	GALNS
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed A431, using GALNS antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 500.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using GALNS antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-GALNS antibody	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq]
Product Categories/Family for anti-GALNS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503899
NCBI GeneID	2588
NCBI Accession #	NP_000503
NCBI GenBank Nucleotide #	NM_000512.4
Molecular Weight	58,026 Da
NCBI Official Full Name	N-acetylgalactosamine-6-sulfatase
NCBI Official Synonym Full Names	galactosamine (N-acetyl)-6-sulfatase
NCBI Official Symbol	GALNS
NCBI Official Synonym Symbols	GAS; MPS4A; GalN6S; GALNAC6S
NCBI Protein Information	N-acetylgalactosamine-6-sulfatase
UniProt Protein Name	N-acetylgalactosamine-6-sulfatase
UniProt Gene Name	GALNS
UniProt Synonym Gene Names	Chondroitinase; GalN6S; GalNAc6S sulfatase
UniProt Entry Name	GALNS_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/galns-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302977>