

Product datasheet for **TA308487**

GALNS Rabbit Polyclonal Antibody

Product data:

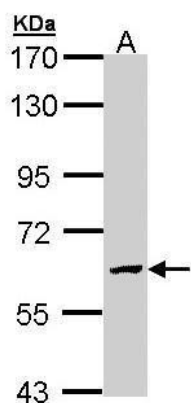
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 20 and 259 of GALNS
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	galactosamine (N-acetyl)-6-sulfatase
Database Link:	NP_000503 Entrez Gene 2588 Human P34059
Background:	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]
Synonyms:	GalN6S; GALNAC6S; GAS; MPS4A
Protein Families:	Druggable Genome



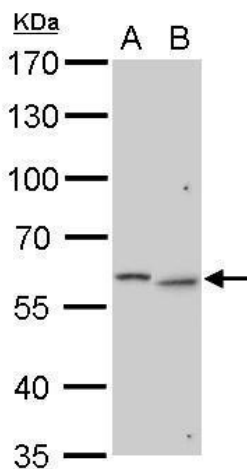
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Protein Pathways: Glycosaminoglycan degradation, Lysosome, Metabolic pathways

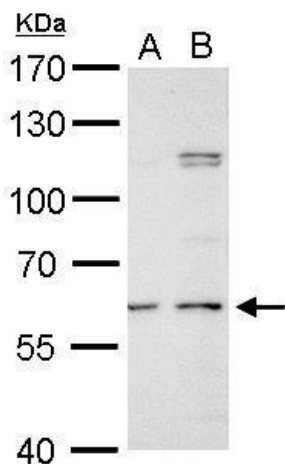
Product images:



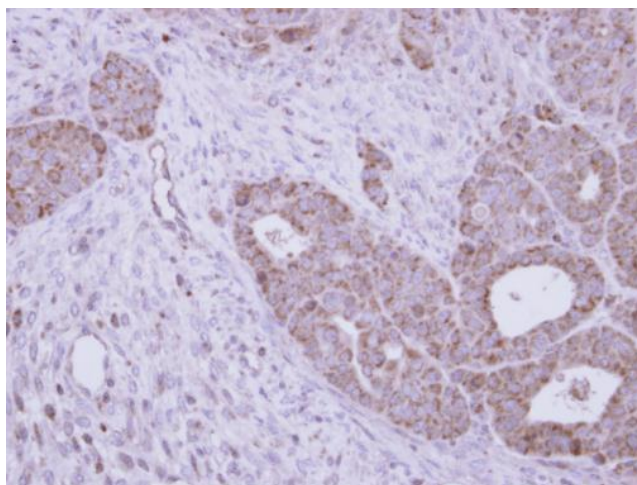
Sample (30 ug of whole cell lysate). A: H1299. 7.5% SDS PAGE. TA308487 diluted at 1:1000



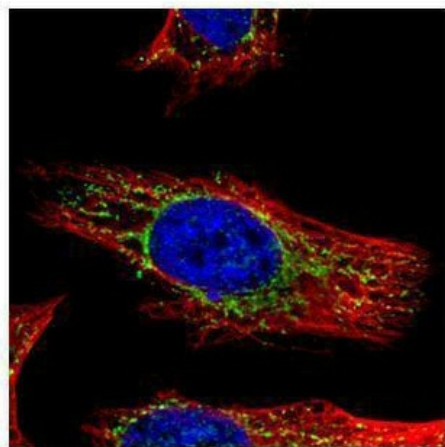
GALNS antibody detects GALNS protein by Western blot analysis. A. 30 ug Neuro2A whole cell lysate/extract. B. 30 ug C2C12 whole cell lysate/extract. 7.5 % SDS-PAGE. GALNS antibody (TA308487) dilution: 1:1000



GALNS antibody detects GALNS protein by Western blot analysis. A. 30 ug PC-12 whole cell lysate/extract. B. 30 ug Rat2 whole cell lysate/extract. 7.5 % SDS-PAGE. GALNS antibody (TA308487) dilution: 1:500



Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using GALNS (TA308487) antibody at 1:100 dilution.



Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using GALNS (TA308487) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with anti-alpha tubulin antibody (Red) at 1:500.