

Product datasheet for **TA332700**

GALNS Rabbit Polyclonal Antibody

Product data:

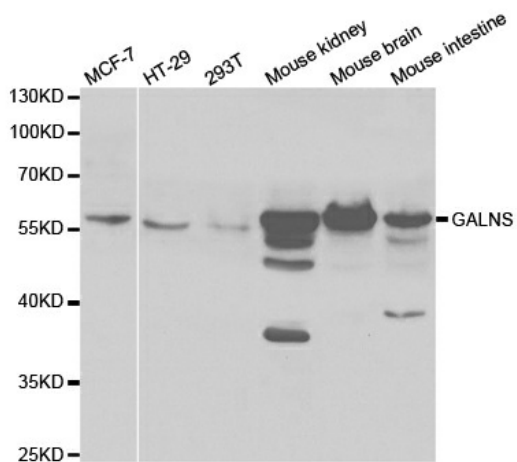
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human GALNS
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	522
Gene Name:	galactosamine (N-acetyl)-6-sulfatase
Database Link:	NP_000503 Entrez Gene 50917 MouseEntrez Gene 292073 RatEntrez 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.
Synonyms:	GalN6S; GALNAC6S; GAS; MPS4A
Protein Families:	Druggable Genome



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Protein Pathways: Glycosaminoglycan degradation, Lysosome, Metabolic pathways

Product images:



Western blot analysis of extracts of various cell lines, using GALNS antibody.