

Goat anti-GALNS Antibody

Item Number	dAP-1224
Target Molecule	Principle Name: GALNS; Official Symbol: GALNS; All Names and Symbols: GALNS; galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type IVA); GALNAC6S; GAS; MPS4A; N-acetylgalactosamine-6-sulfatase; chondroitinase; Accession Number (s): NP_000503.1; Human Gene ID(s): 2588; Non-Human GeneID(s):
Immunogen	TTHNLEDHTKLP, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Bone Marrow and Placenta lysates (calculated MW of 58.0kDa according to NP_000503.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	

Reference	Reference(s): Houle JD, Tom VJ, Mayes D, Wagoner G, Phillips N, Silver J. Combining an autologous peripheral nervous system "bridge" and matrix modification by chondroitinase allows robust, functional regeneration beyond a hemisection lesion of the adult rat spinal cord. J Neurosci. 2006 Jul 12;26(28):7405-
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Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**