

ARG45399 anti-GALNS antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GALNS
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GALNS
Species	Human
Immunogen	Recombinant protein containing to human GALNS.
Conjugation	Un-conjugated
Alternate Names	MPS4A; EC 3.1.6.4; Chondroitinsulfatase; GAS; N-acetylgalactosamine-6-sulfatase; GalNAc6S sulfatase; GalN6S; Chondroitinase; GALNAC6S; N-acetylgalactosamine-6-sulfate sulfatase; Galactose-6-sulfate sulfatase

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	58 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

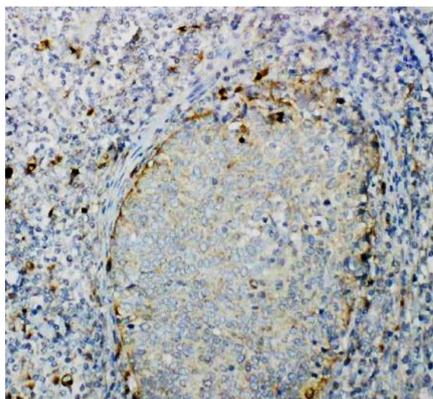
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

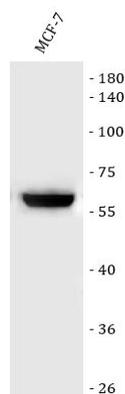
Gene Symbol	GALNS
Gene Full Name	Galactosamine (N-Acetyl)-6-Sulfatase
Background	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, 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, Jul 2008]
Function	Hydrolysis of the 6-sulfate groups of the N-acetyl-D-galactosamine 6-sulfate units of chondroitin sulfate and of the D-galactose 6-sulfate units of keratan sulfate. [UniProt]
Calculated Mw	58 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Lysosome. [UniProt]

Images



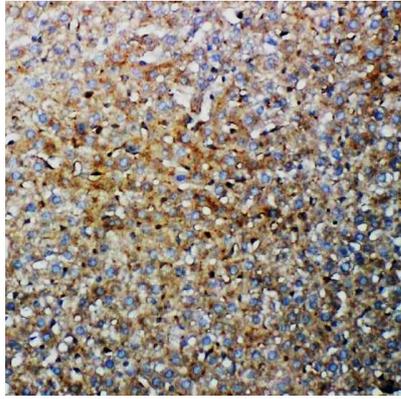
ARG45399 anti-GALNS antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45399 anti-GALNS antibody at 1 µg/ml dilution.



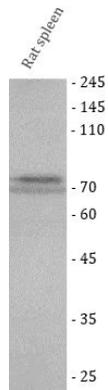
ARG45399 anti-GALNS antibody WB image

Western blot: MCF-7 stained with ARG45399 anti-GALNS antibody at 0.5 µg/ml dilution.



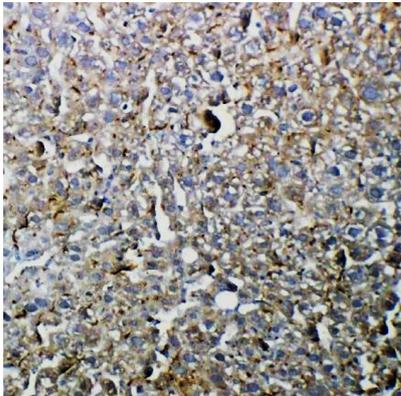
ARG45399 anti-GALNS antibody IHC-P image

Immunohistochemistry: Rat liver stained with ARG45399 anti-GALNS antibody at 1 $\mu\text{g}/\text{ml}$ dilution.



ARG45399 anti-GALNS antibody WB image

Western blot: Rat kidney stained with ARG45399 anti-GALNS antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45399 anti-GALNS antibody IHC-P image

Immunohistochemistry: Mouse liver stained with ARG45399 anti-GALNS antibody at 1 $\mu\text{g}/\text{ml}$ dilution.