

Arylsulfatase B Polyclonal Antibody

Catalog No: #42072

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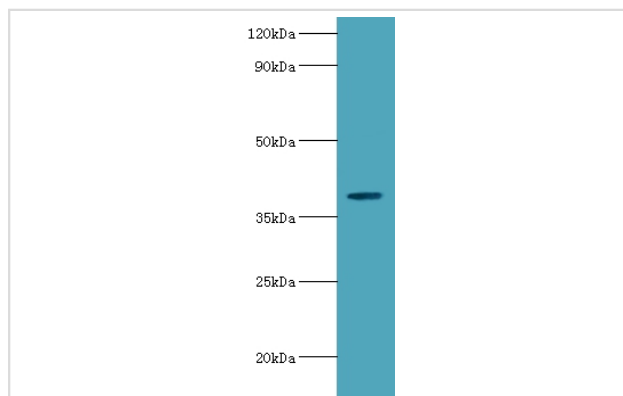
Description

Product Name	Arylsulfatase B Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Arylsulfatase B polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Arylsulfatase B protein
Target Name	Arylsulfatase B
Other Names	N-acetylgalactosamine-4-sulfatase ARSB
Accession No.	Swiss-Prot#: P15848
Uniprot	P15848
GeneID	411;
Calculated MW	38kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



All lanes: Arylsulfatase B antibody at 2ug/ml+mouse brain tissue

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size:38kda

Observed band size:38kda

Background

Removes sulfate groups from chondroitin-4-sulfate (C4S) and regulates its degradation (PubMed:19306108). Involved in the regulation of cell adhesion, cell migration and invasion in colonic epithelium (PubMed:19306108). In the central nervous system, is a regulator of neurite outgrowth and neuronal plasticity, acting through the control of sulfate glycosaminoglycans and neurocan levels (By similarity).

References

[1]Phylogenetic conservation of arylsulfatases. cDNA cloning and expression of human arylsulfatase B.Peters C., Schmidt B., Rommerskirch W., Rupp K., Zuehlisdorf M., Vingron M., Meyer H.E., Pohlmann R., von Figura K.J. Biol. Chem. 265:3374-3381(1990) [2]

Note: This product is for in vitro research use only