

Arsb antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14333

Product Information

Application	WB
Primary Accession	P50429
Other Accession	NM_009712 , NP_033842
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59647

Additional Information

Gene ID	11881
Alias Symbol	1110007C02Rik, AI480648, As-1, As-1r, As-1s, As-1t, As1, As1-r, As1-s, As1-t, Asr-1, Ast-1
Other Names	Arylsulfatase B, ASB, 3.1.6.12, N-acetylgalactosamine-4-sulfatase, G4S, Arsb, As1, As1-s
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Arsb antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Arsb antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

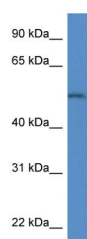
Protein Information

Name	Arsb
Synonyms	As1, As1-s
Function	Removes sulfate groups from chondroitin-4-sulfate (C4S) and regulates its degradation (By similarity). Involved in the regulation of cell adhesion, cell migration and invasion in colonic epithelium (By similarity). 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

Carninci P.,et al.Science 309:1559-1563(2005).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Grompe M.,et al.Genomics 12:755-760(1992).
Evers M.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:8214-8219(1996).
Sardiello M.,et al.Hum. Mol. Genet. 14:3203-3217(2005).

Images



WB Suggested Anti-Arsb Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.