

Arsb antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14333**Specification**

Arsb antibody - middle region - Product Information

Application	WB
Primary Accession	P50429
Other Accession	NM_009712 , NP_033842
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56kDa KDa

Arsb antibody - middle region - 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.

Arsb antibody - middle region - 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).

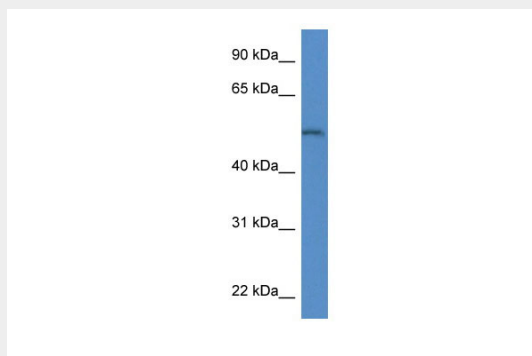
Cellular Location

Lysosome. Cell surface

Arsb antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Arsb antibody - middle region - Images

WB Suggested Anti-Arsb Antibody Titration: 1.0 µg/ml

Positive Control: Mouse Kidney

Arsb antibody - middle region - 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).