

Arsg Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13748

Product Information

Application	WB
Primary Accession	Q32KJ9
Other Accession	NM_001047877 , NP_001041342
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57269

Additional Information

Gene ID	303631
Alias Symbol	RGD1306571
Other Names	Arylsulfatase G, ASG, 3.1.6.-, Arsg
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-Arsg 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	Arsg Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

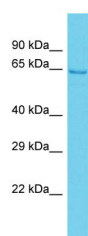
Protein Information

Name	Arsg
Function	Displays arylsulfatase activity at acidic pH towards the artificial substrate p-nitrocatechol sulfate (By similarity). Catalyzes the hydrolysis of the 3-sulfate groups of the N-sulfo-D-glucosamine 3- O-sulfate units of heparin (By similarity).
Cellular Location	Lysosome {ECO:0000250 UniProtKB:Q3TYD4}. Note=The 63-kDa precursor protein localizes to pre-lysosomal compartments and tightly associates with organelle membranes, most likely the endoplasmic reticulum. In contrast, proteolytically processed fragments of 34-, 18- and 10-kDa are found in lysosomal fractions and lose their membrane association. {ECO:0000250 UniProtKB:Q3TYD4}

References

Gibbs R.A.,et al.Nature 428:493-521(2004).
Sardiello M.,et al.Hum. Mol. Genet. 14:3203-3217(2005).

Images



Host: Rabbit
Target Name: Arsg
Sample Tissue: Rat Stomach lysates
Antibody Dilution: 1.0µg/ml

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