

Product Datasheet

Arylsulfatase B/ARSB Antibody

NBP1-06021

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-06021**Arylsulfatase B/ARSB Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	411
Gene Symbol	ARSB
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_000037.2; NP_942002.1).
Immunogen	Peptide with sequence C-KLARGHTNGTKPLD corresponding to internal region according to NP_000037.2, NP_942002.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 ug/ml, Immunohistochemistry 5 - 10 ug/ml, Immunohistochemistry-Paraffin 1:200, Peptide ELISA detection limit 1:64000
Application Notes	WB: Approx. 45 kDa band observed in human heart lysates (calculated MW of 46.0 kDa band according to NP_942002.1). An additional band of unknown identity was also consistently observed at 35 kDa. This band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human skeletal muscle shows striated pattern staining of majority of muscular fibres.

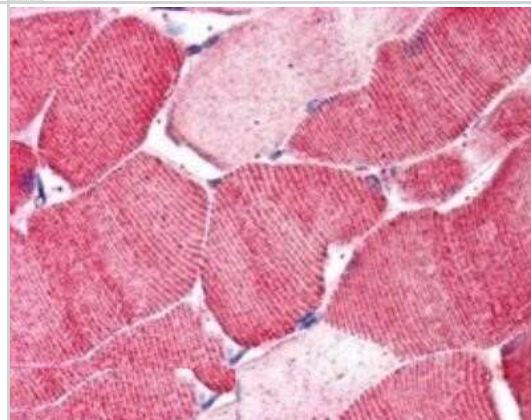


Images

Western Blot: Arylsulfatase B/ARSB Antibody [NBP1-06021] - (0.03ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Arylsulfatase B/ARSB Antibody [NBP1-06021] - Arylsulfatase B/ARSB Antibody [NBP1-06021] - (5ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Bhattacharyya S, Look D, Tobacman JK. Increased arylsulfatase B activity in cystic fibrosis cells following correction of CFTR. Clin Chim Acta 2007-05-01 [PMID: 17324393]



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Products Related to NBP1-06021

NBL1-07737	Arylsulfatase B/ARSB Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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