

Goat anti-Arylsulfatase B Antibody

Item Number	dAP-1269
Target Molecule	Principle Name: Arylsulfatase B; Official Symbol: ARSB; All Names and Symbols: ARSB; arylsulfatase B; ASB; G4S; MPS6; N-acetylgalactosamine-4-sulfatase; Accession Number (s): NP_000037.2; NP_942002.1; Human Gene ID(s): 411; Non-Human GenelD(s):
Immunogen	KLARGHTNGTKPLD, is from internal region This antibody is expected to recognise both reported isoforms (NP_000037.2; NP_942002.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Heart lysates (calculated MW of 46.0kDa according to NP_942002.1). Recommended concentration: 0.03-0.1µg/ml. An additional band of unknown identity was also consistently observed at 35kDa. This band was
IHC	Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows striated pattern staining of majority of muscular fibres. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Bhattacharyya S, Look D, Tobacman JK. Increased arylsulfatase B activity in cystic fibrosis cells following correction of CFTR. Clin Chim Acta. 2007 May 1;380(1-2):122-7. Epub 2007 Feb 1.. PMID: 17324393 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**