

Goat anti-Arylsulfatase D Antibody

Item Number	dAP-1395
Target Molecule	Principle Name: Arylsulfatase D; Official Symbol: ARSD ; All Names and Symbols: arylsulfatase D; ARSD; Accession Number (s): NP_001660.2; NP_033667.2; Human Gene ID(s): 414; Non-Human GeneID(s):
Immunogen	DASNGYRALQWNA, is from internal region This antibody is expected to recognise both reported isoforms (NP_001660.2; NP_033667.2)
Applications	Pep ELISA, WB 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 16000.
Western Blot	Western Blot: Approx 60+40kDa bands observed in lysates of cell lines A549 and HepG2 (calculated MW of 64.9kDa according to NP_001660.2 and of 42.3 according to NP_033667.2). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity
IHC	
Reference	Reference(s): Lin YF, Yang J, Rosen BP. ArsD: an As(III) metallochaperone for the ArsAB As(III)-translocating ATPase. J Bioenerg Biomembr. 2007 Oct 23; [Epub ahead of print].PMID: 17953552 ->

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 ender users! This product is sold for **Research Use Only**