

Goat anti-IDS Antibody

Item Number	dAP-1622
Target Molecule	Principle Name: IDS; Official Symbol: IDS; All Names and Symbols: IDS; iduronate 2-sulfatase (Hunter syndrome); MPS2; SIDS; iduronate-2-sulfatase; Accession Number (s): NP_000193.1; Human Gene ID(s): 3423; Non-Human GeneID(s):
Immunogen	KHFRFRDLEEDP, is from internal region This antibody is expected to recognize isoform a (NP_000193.1).
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 16000.
Western Blot	Western Blot: Approx. 60kDa band observed in Human Liver lysates (calculated MW of 61.9kDa according to NP_000193.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Placenta shows lysosomal staining of trophoblasts. Recommended concentration: 3-5µg/ml.

Reference	Reference(s): Keeratichamroen S, Ketudat Cairns JR, Wattanasirichaigoon D, Wasant P, Ngiswara L, Suwannarat P, Pangkanon S, Kuptanon J, Tanpaiboon P, Rujirawat T, Liammongkolkul S, Svasti J Molecular analysis of the iduronate-2-sulfatase gene in Thai patients with Hunter syndrome J Inherit Metab Dis. 2008
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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**