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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08984 - Goat Anti-IDS Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IDS, iduronate 2-sulfatase (Hunter syndrome), MPS2, SIDS, iduronate-2-sulfatase

Official Symbol: IDS

Accession Number(s): NP_000193.1

Human GeneID(s): [3423](#)

Important Comments: This antibody is expected to recognize isoform a (NP_000193.1).

Immunogen

Peptide with sequence C-KHFRFRDLEEDP, from the internal region of the protein sequence according to NP_000193.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

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: In paraffin embedded Human Placenta shows lysosomal staining of trophoblasts. Recommended concentration: 3-5µg/ml.

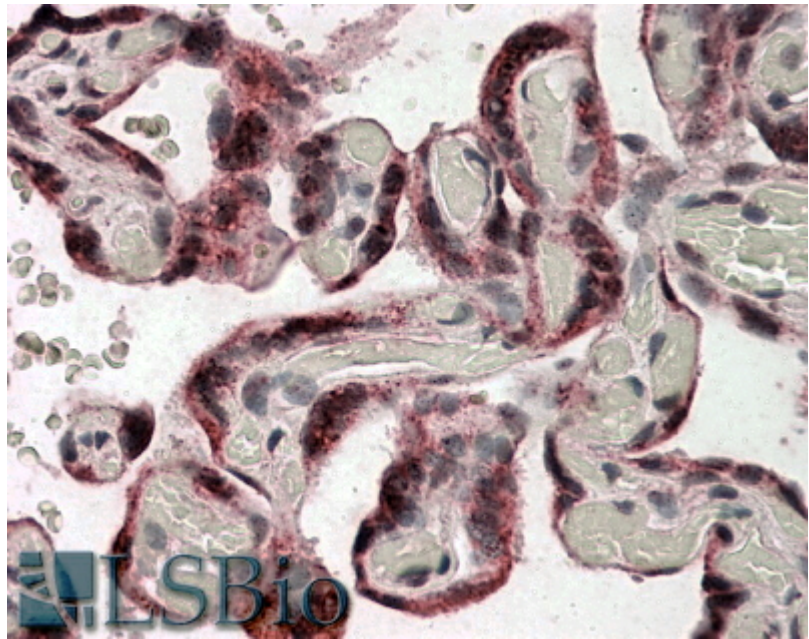
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

EB08984 (0.1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



EB08984 (3.8 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.