

IDS Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS15360**Specification**

IDS Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	P22304
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	62kDa KDa

IDS Antibody (Internal) - Additional Information**Gene ID** 3423**Other Names**

Iduronate 2-sulfatase, 3.1.6.13, Alpha-L-iduronate sulfate sulfatase, Idursulfase, Iduronate 2-sulfatase 42 kDa chain, Iduronate 2-sulfatase 14 kDa chain, IDS, SIDS

Target/Specificity

Human IDS. This antibody is expected to recognize isoform a (NP_000193.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

IDS Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

IDS Antibody (Internal) - Protein Information**Name** IDS**Synonyms** SIDS**Function**

Lysosomal enzyme involved in the degradation pathway of dermatan sulfate and heparan sulfate.

Cellular Location

Lysosome.

Tissue Location

Liver, kidney, lung, and placenta.

IDS Antibody (Internal) - Protocols

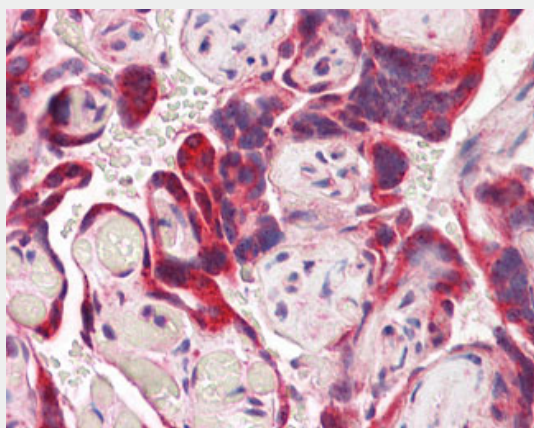
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IDS Antibody (Internal) - Images



IDS antibody (0.1 ug/ml) staining of Human Liver lysate (35 ug protein/ml in RIPA buffer).



Anti-IDS antibody IHC of human placenta.

IDS Antibody (Internal) - Background

Required for the lysosomal degradation of heparan sulfate and dermatan sulfate.

IDS Antibody (Internal) - References

Wilson P.J., et al. Proc. Natl. Acad. Sci. U.S.A. 87:8531-8535(1990).
Wilson P.J., et al. Genomics 17:773-775(1993).
Timms K.M., et al. Genome Res. 5:71-78(1995).
Malmgren H., et al. Genomics 29:291-293(1995).

Ross M.T.,et al.Nature 434:325-337(2005).