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Goat Anti-Arylsulfatase D Antibody

Peptide-affinity purified goat antibody
Catalog # AF1116a

Specification

Goat Anti-Arylsulfatase D Antibody - Product Information

Application	**WB**
Primary Accession	P51689
Other Accession	NP_033667, 414
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**64860**

Goat Anti-Arylsulfatase D Antibody - Additional Information

Gene ID 414

Other Names
Arylsulfatase D, ASD, 3.1.6.-, ARSD

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-Arylsulfatase D Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Arylsulfatase D Antibody - Protein Information

Name ARSD

Cellular Location
Lysosome.

Tissue Location
Expressed in the pancreas, kidney, liver, lung, placenta, brain and heart

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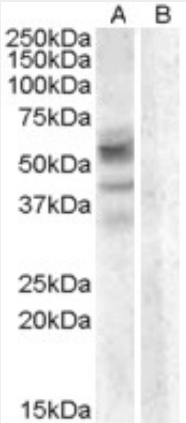
Goat Anti-Arylsulfatase D Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-Arylsulfatase D Antibody - Images



AF1116a (0.3 µg/ml) staining of A459 lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Arylsulfatase D Antibody - Background

The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. This encoded protein is postranslationally glycosylated and localized to the lysosome. Two transcript variants encoding different isoforms have been found for this gene.

Goat Anti-Arylsulfatase D Antibody - References

Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.
Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.
Arylsulfatase D gene in Xp22.3 encodes two protein isoforms. Urbitsch P, et al. DNA Cell Biol, 2000 Dec. PMID 11177574.
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Characterization of a cluster of sulfatase genes on Xp22.3 suggests gene duplications in an ancestral pseudoautosomal region. Meroni G, et al. Hum Mol Genet, 1996 Apr. PMID 8845834.