



Arylsulfatase C Antibody

CATALOG NUMBER: 45-297



Western Blot (0.01ug/ml) staining of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 70kDa band observed in Human Placenta lysates (calculated MW of 65.5kDa according to NP_000342.2). Recommended concentration: 0.01-0.03ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1309 - Human Placenta Lysate
IMMUNOGEN:	Arylsulfatase C antibody was raised against a 12 amino acid synthetic peptide near the internal region of Arylsulfatase C.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Arylsulfatase C antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Arylsulfatase C antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	STS, steroid sulfatase (microsomal), isozyme S, ARSC, ARSC1, ASC, ES, SSDD, arylsulfatase C, estrone sulfatase, steryl-sulfatase, steryl-sulfate sulfohydrolase
ACCESSION NO.:	NP_000342.2
PROTEIN GI NO.:	53831991
OFFICIAL SYMBOL:	STS

GENE ID: 412

Background

REFERENCES: 1) Stowell CL, Barvian KK, Young PC, Bigsby RM, Verdugo DE, Bertozzi CR, Widlanski TS. A role for sulfation-desulfation in the uptake of bisphenol a into breast tumor cells. Chem Biol. 2006 Aug;13(8):891-7.

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