

Anti-Arylsulfatase I Antibody

Catalog # AP60751

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q5FYB1
Reactivity	Human, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64030

Additional Information

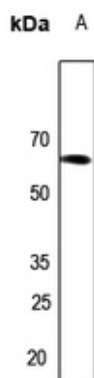
Gene ID	340075
Other Names	Arylsulfatase I; ASI
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Arylsulfatase I. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

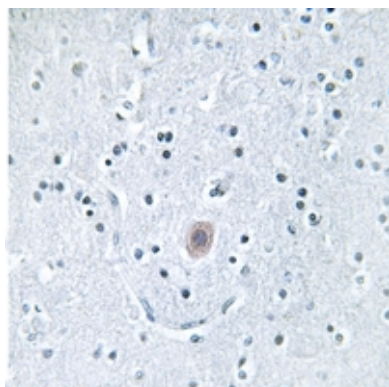
Name	ARSI
Function	Displays arylsulfatase activity at neutral pH, when co- expressed with SUMF1; arylsulfatase activity is measured in the secretion medium of retinal cell line, but no activity is recorded when measured in cell extracts (PubMed: 19262745). Lacks arylsulfatase activity (PubMed: 16500042).
Cellular Location	Secreted. Endoplasmic reticulum. Note=Localized in the intracellular granular structures
Tissue Location	Expressed in placenta, in embryonic stem cells, fetal eyes and lens.

Images

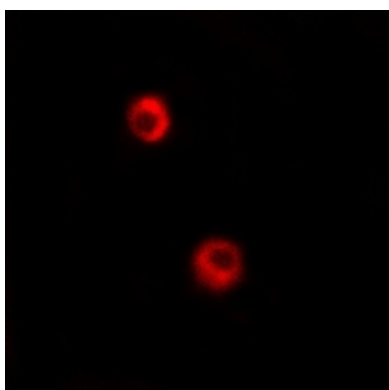
Western blot analysis of Arylsulfatase I expression in Hela



(A) whole cell lysates. (Predicted band size: 64 kD;
Observed band size: 64 kD)



Immunohistochemical analysis of Arylsulfatase I staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Arylsulfatase I staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.