

Arylsulfatase I rabbit pAb**Cat#: orb764586 (Manual)**

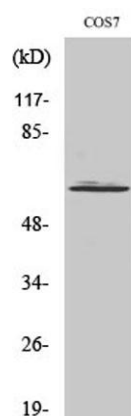
For research use only. Not intended for diagnostic use.

Product Name	Arylsulfatase I rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ARSI. AA range:311-360
Specificity	Arylsulfatase I Polyclonal Antibody detects endogenous levels of Arylsulfatase I protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Arylsulfatase I
Gene Name	ARSI
Cellular localization	Secreted . Endoplasmic reticulum . Localized in the intracellular granular structures.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

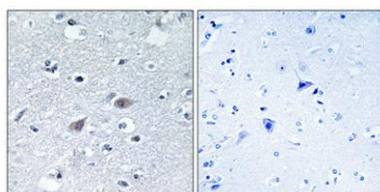
Concentration	1 mg/ml
Observed band	64kD
Human Gene ID	340075
Human Swiss-Prot Number	Q5FYB1
Alternative Names	ARSI; Arylsulfatase I; ASI

Background

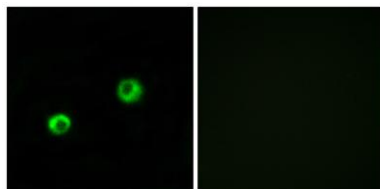
This gene encodes a protein that belongs to a large family of sulfatases that hydrolyze sulfate esters and sulfamates. Members of this family play a role in several cellular processes, including hormone synthesis, cell signaling in development and degradation of macromolecules. The protein encoded by this gene is thought to be secreted, and to function in extracellular space. [provided by RefSeq, Jul 2016],



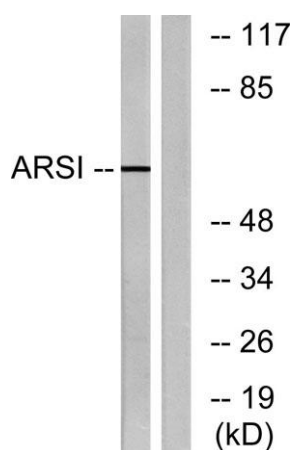
Western Blot analysis of various cells using Arylsulfatase I Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative ctrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of MCF7 cells, using ARSI Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using ARSI Antibody. The lane on the right is blocked with the synthesized peptide.