

Arylsulfatase K Polyclonal Antibody

Catalog # AP68536

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q6UWY0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61450

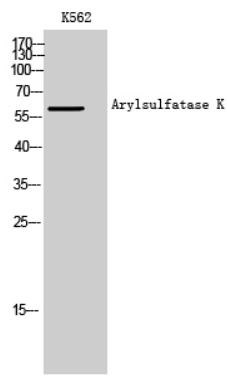
Additional Information

Gene ID	153642
Other Names	ARSK; TSULF; Arylsulfatase K; ASK; Telethon sulfatase
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

Name	ARSK
Synonyms	TSULF
Function	Catalyzes the hydrolysis of pseudosubstrates such as p- nitrocatechol sulfate and p-nitrophenyl sulfate (PubMed: 23986440). Catalyzes the hydrolysis of the 2-sulfate groups of the 2-O-sulfo-D- glucuronate residues of chondroitin sulfate, heparin and heparitin sulfate (PubMed: 28055182 , PubMed: 34916232). Acts selectively on 2- sulfoglucuronate and lacks activity against 2-sulfoiduronate (PubMed: 28055182).
Cellular Location	Secreted. Lysosome
Tissue Location	Expressed at high levels in the placenta and pancreas (PubMed: 23986440). Expressed at intermediate levels in the lung, brain, heart, liver and kidney and at low levels in the muscle (PubMed: 23986440).

Images



Western Blot analysis of K562 cells using Arylsulfatase K Polyclonal Antibody

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