

Product Name: Arylsulfatase K Rabbit Polyclonal Antibody
Catalog #: APRab07188

Summary

Production Name	Arylsulfatase K Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ARSK
Alternative Names	ARSK; TSULF; Arylsulfatase K; ASK; Telethon sulfatase
Gene ID	153642.0
SwissProt ID	Q6UWY0.The antiserum was produced against synthesized peptide derived from human ARSK. AA range:481-530

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	62kDa

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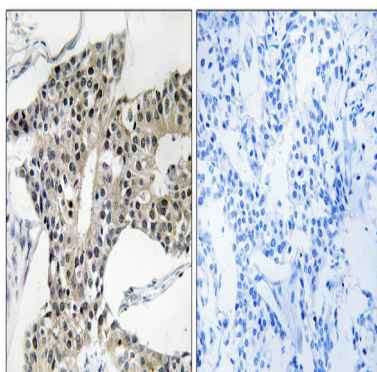


Background

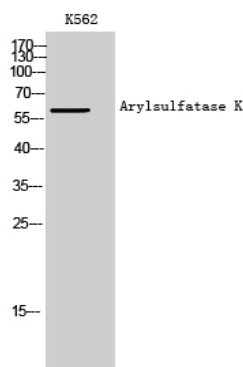
Sulfatases (EC 3.1.5.6), such as ARSK, hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules (Sardiello et al., 2005 [PubMed 16174644]).[supplied by OMIM, Mar 2008],cofactor: Binds 1 calcium ion per subunit.,PTM: The conversion to 3-oxoalanine (also known as C-formylglycine, FGly), of a serine or cysteine residue in prokaryotes and of a cysteine residue in eukaryotes, is critical for catalytic activity.,similarity: Belongs to the sulfatase family.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ARSK Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of K562 cells using Arylsulfatase K Polyclonal Antibody

Note

For research use only.

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