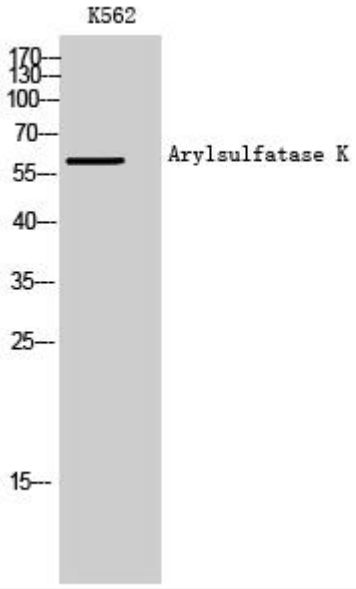
Arylsulfatase K Monoclonal Antibody

Catalog No	YP-mAb-03731
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ARSK
Protein Name	Arylsulfatase K
Immunogen	The antiserum was produced against synthesized peptide derived from human ARSK. AA range:481-530
Specificity	Arylsulfatase K Monoclonal Antibody detects endogenous levels of Arylsulfatase K protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ARSK; TSULF; Arylsulfatase K; ASK; Telethon sulfatase
Observed Band	62kD
Cell Pathway	Secreted . Lysosome .
Tissue Specificity	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).
Function	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.,
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],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Arylsulfatase K Monoclonal Antibody