



Arylsulfatase D Polyclonal Antibody

Catalog No	YP-Ab-03726
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	ARSD
Immunogen	The antiserum was produced against synthesized peptide derived from human ARSD. AA range:331-380
Specificity	Arylsulfatase D Polyclonal Antibody detects endogenous levels of Arylsulfatase D protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ARSD;Arylsulfatase D;ASD
Observed Band	70kD
Calculated Molecular Weight	70kD
Cell Pathway	Lysosome .
Tissue Specificity	Expressed in the pancreas, kidney, liver, lung, placenta, brain and heart.
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.,tissue specificity: Expressed in the pancreas, kidney, liver, lung, placenta, brain and heart.,
Background	The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is postrationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on



chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y. [provided by RefSeq, Jul 2011],

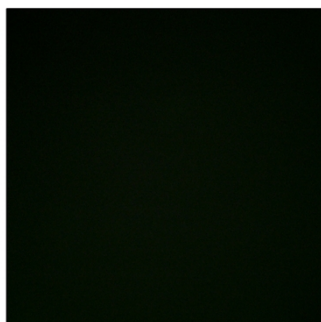
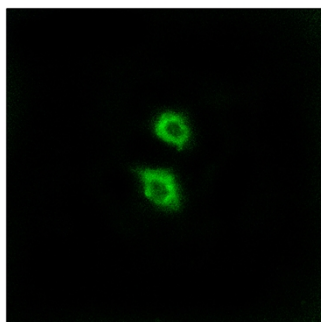
matters needing attention

Avoid repeated freezing and thawing!

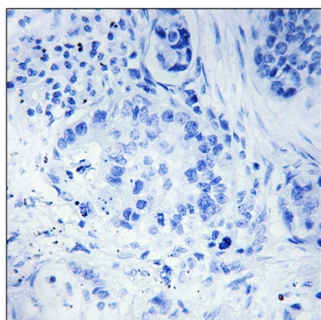
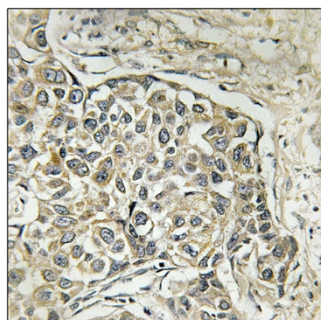
Usage suggestions

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

Products Images



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



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