

Anti-Arylsulfatase D Antibody

Catalog # AP50999

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P51689
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64860

Additional Information

Gene ID	414
Other Names	Arylsulfatase D; ASD
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Arylsulfatase D. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

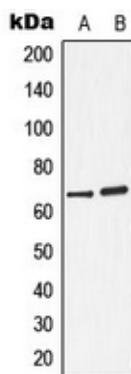
Protein Information

Name	ARSD
Cellular Location	Lysosome.
Tissue Location	Expressed in the pancreas, kidney, liver, lung, placenta, brain and heart

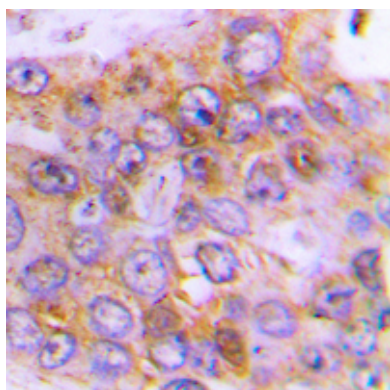
References

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Ross M.T.,et al.Nature 434:325-337(2005).
Chen R.,et al.J. Proteome Res. 8:651-661(2009).

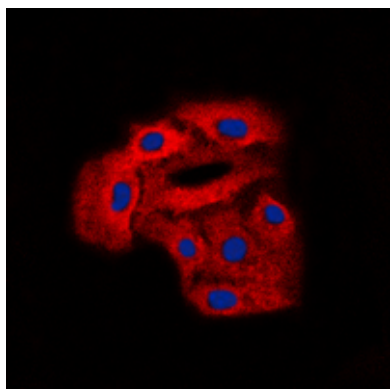
Images



Western blot analysis of Arylsulfatase D expression in A549 (A), ZR751 (B) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 64 kD)



Immunohistochemical analysis of Arylsulfatase D staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Arylsulfatase D staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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