

For Research Use Only

ARSE Polyclonal antibody

Catalog Number: 31522-1-AP



Basic Information

Catalog Number: 31522-1-AP	GenBank Accession Number: BC130438	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 415	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P51690	
Isotype: IgG	Full Name: arylsulfatase E (chondrodysplasia punctata 1)	
Immunogen Catalog Number: AG24371		

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : mouse liver tissue, IF/ICC : HepG2 cells,
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ARSE (arylsulfatase E), is a member of the sulfatase family. This enzyme is glycosylated post-translationally. Sulfatases, including ARSE, are essential for the correct composition of the bone and cartilage matrix.

Storage

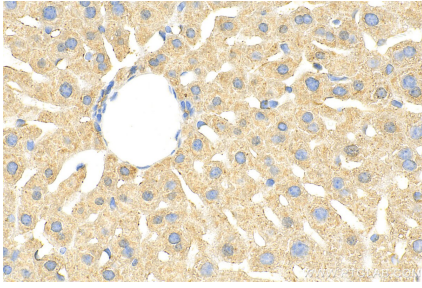
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

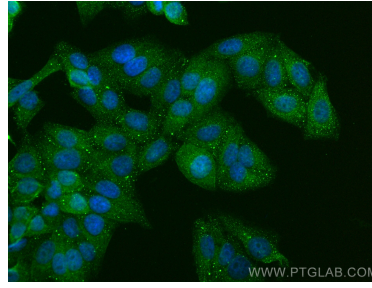
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

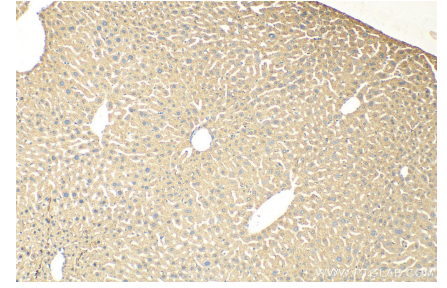
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 31522-1-AP (ARSE antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ARSE antibody (31522-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 31522-1-AP (ARSE antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).