

For Research Use Only

SAR1B Polyclonal antibody

Catalog Number: 15453-1-AP



Basic Information

Catalog Number: 15453-1-AP	GenBank Accession Number: BC002847	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 51128	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y6B6	
Isotype: IgG	Full Name: SAR1 homolog B (S. cerevisiae)	
Immunogen Catalog Number: AG7718	Calculated MW: 22 kDa	
	Observed MW: 25-27 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : L02 cells, mouse brain tissue, human liver tissue, mouse liver tissue, rat liver tissue

IHC : human stomach cancer tissue,

Background Information

SAR1B, also named as SARA2, SARB and GTBPB, belongs to the small GTPase superfamily and SAR1 family. It is involved in transport from the endoplasmic reticulum to the Golgi apparatus. SAR1B is activated by the guanine nucleotide exchange factor PREB. It is involved in the selection of the protein cargo and the assembly of the COPII coat complex.

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

For technical support and original validation data for this product please contact:

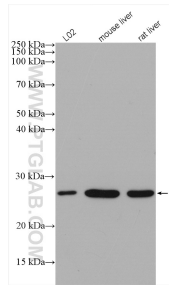
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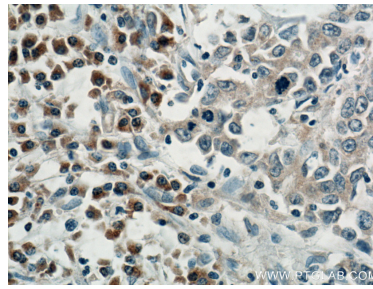
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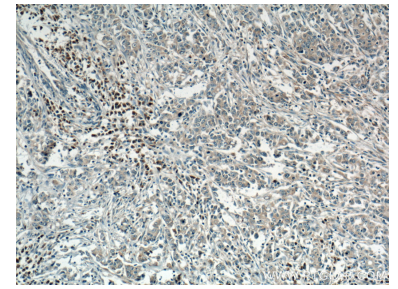
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15453-1-AP (SAR1B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 15453-1-AP (SAR1B antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 15453-1-AP (SAR1B antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).