

TMEM143 Polyclonal antibody

Catalog Number: 31917-1-AP

Basic Information

Catalog Number: 31917-1-AP	GenBank Accession Number: BC016919	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 55260	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96AN5	
Isotype: IgG	Full Name: transmembrane protein 143	
Immunogen Catalog Number: AG36277	Calculated MW: 52 kDa	
	Observed MW: 45-52 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : HH cells, HepG2 cells, Jurkat cells, Ramos cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human placenta tissue,

Background Information

Transmembrane protein 143 (TMEM143) is a transmembrane protein and a member of the TMEM (Transmembrane) protein family, which is located in mitochondria (PMID: 11256614). It is known that members of the TMEM family play an important role in the development and metastasis of cancer, especially in conveying information between the extracellular environment and cytoplasmic proteins (PMID: 31454669).

Storage

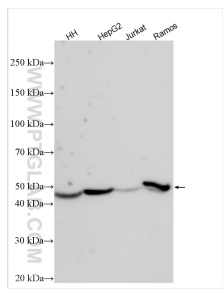
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

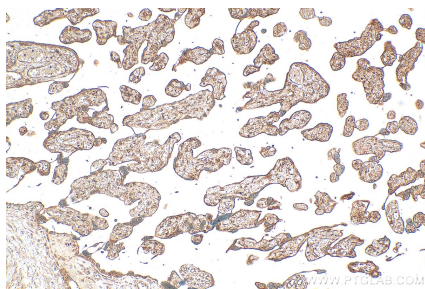
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

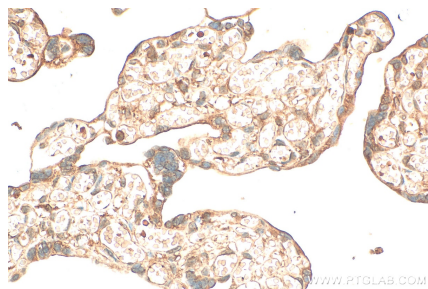
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31917-1-AP (TMEM143 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31917-1-AP (TMEM143 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31917-1-AP (TMEM143 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).