

For Research Use Only

TMEM143 Polyclonal antibody, PBS Only

Catalog Number: 31917-1-PBS



Basic Information

Catalog Number: 31917-1-PBS	GenBank Accession Number: BC016919	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55260	
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, Indirect ELISA

Species Specificity:
human

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 -80°C.
Storage Buffer:
PBS only, pH7.3

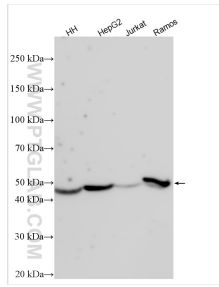
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

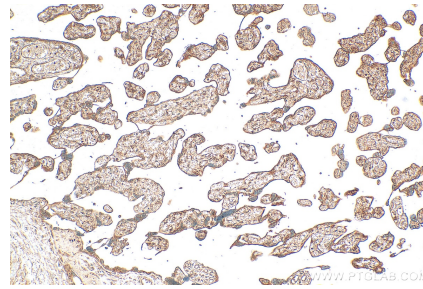
E: proteintech@ptglab.com
W: ptglab.com

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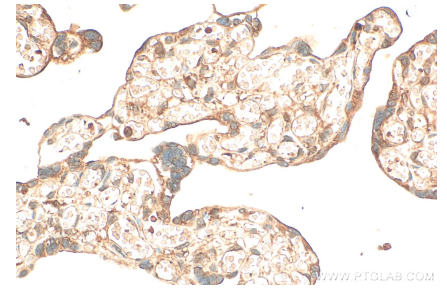
Selected Validation Data



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. This data was developed using the same antibody clone with 31917-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31917-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31917-1-PBS in a different storage buffer formulation.