

TMEM143 Polyclonal antibody

Catalog Number: 31917-1-AP

Basic Information

Catalog Number:

31917-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36277

GenBank Accession Number:

BC016919

GeneID (NCBI):

55260

UNIPROT ID:

Q96AN5

Full Name:

transmembrane protein 143

Calculated MW:

52 kDa

Observed MW:

45-52 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

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 : HH cells, HepG2 cells, Jurkat cells, Ramos cells

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:

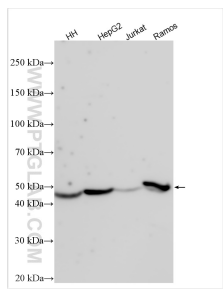
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

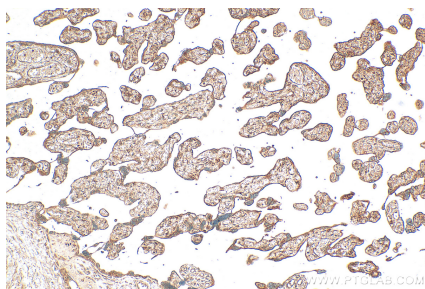
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

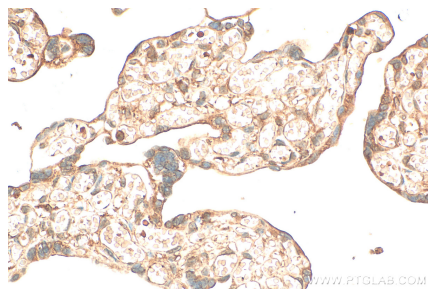
Selected Validation Data



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).