

For Research Use Only

TOMM5 Polyclonal antibody

Catalog Number: 25607-1-AP



Basic Information

Catalog Number:

25607-1-AP

Size:

850 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22275

GenBank Accession Number:

BC034247

GeneID (NCBI):

401505

UNIPROT ID:

Q8N4H5

Full Name:

translocase of outer mitochondrial membrane 5 homolog (yeast)

Calculated MW:

51 aa, 6 kDa

Observed MW:

6-10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

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

Positive Controls:

WB : mouse testis tissue, HepG2 cells

IHC : human ovary cancer tissue,

IF/ICC : HepG2 cells,

Background Information

TOMM5, also named as C9orf105 and TOM5, has three isoforms with MW 6 kDa and 9-10 kDa.

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:

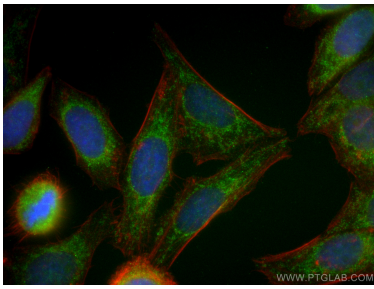
T: 4006900926

E: Proteintech-CN@ptglab.com

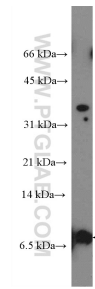
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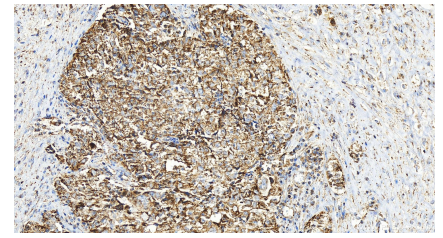
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TOMM5 antibody (25607-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidine (red).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 25607-1-AP (TOMM5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 25607-1-AP (TOMM5 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).