

A2751

Leader in Biomolecular Solutions for Life Science



IMMT Rabbit pAb

Catalog No.: A2751

2 Publications

Basic Information

Observed MW

90kDa

Calculated MW

84kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Enables RNA binding activity. Involved in cristae formation. Located in mitochondrial inner membrane. Part of MICOS complex.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

10989

Swiss Prot

Q16891

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HMP; P87; P89; PIG4; Mic60; PIG52; MINOS2; P87/89; MICOS60; IMMT

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

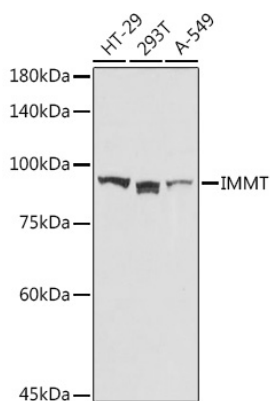
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using IMMT Rabbit pAb (A2751) at 1:1000 dilution.

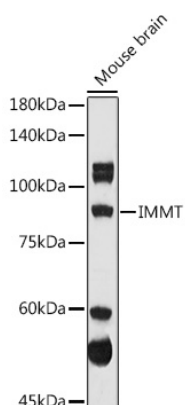
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of lysates from Mouse brain, using IMMT Rabbit pAb (A2751) at 1:1000 dilution.

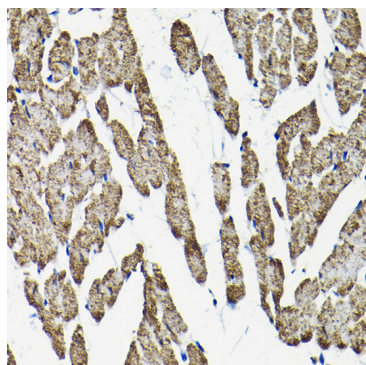
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

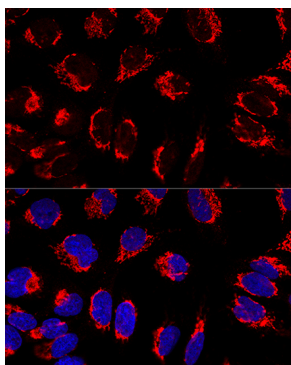
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using IMMT Rabbit pAb (A2751) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Confocal immunofluorescence analysis of U2OS cells using IMMT Rabbit pAb (A2751) at dilution of 1:100. Blue: DAPI for nuclear staining.