TOM20 Rabbit mAb

Catalog No. A19403
Category Monoclonal Antibodies
Applications WB, IHC, IF, IP
Cross-reactivity Human, Mouse, Rat
Observed MW 16kDa
Calculated MW 16kDa

Immunogen Information

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 20-145 of human TOM20 (NP_055580.1).
Gene ID 9804
Swiss prot Q15388
Synonyms TOMM20; MAS20; MOM19; TOM20; translocase of outer mitochondrial membrane 20

Product information

Source Rabbit
Isotype IgG
Purification method Affinity purification
Storage Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% sodium azide,50% glycerol,pH7.3.

Background

TOMM20 (Translocase Of Outer Mitochondrial Membrane 20) is a Protein Coding gene. Diseases associated with TOMM20 include Perry Syndrome. Among its related pathways are Neuroscience and Glucose / Energy Metabolism. Gene Ontology (GO) annotations related to this gene include unfolded protein binding and P-P-bond-hydrolysis-driven protein transmembrane transporter activity. An important paralog of this gene is TOMM20L.

Recommended Dilutions

WB 1:1000 - 1:50000
IHC 1:50 - 1:200
IF 1:50 - 1:200
IP 1:20 - 1:50

Western blot analysis of extracts of various cell lines, using TOM20 antibody (A19403) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.


Immunohistochemistry of paraffin-embedded Rat kidney using TOM20 antibody (A19403) at dilution of 1:200 (40x lens).
Immunohistochemistry of paraffin-embedded Human colon carcinoma using TOM20 antibody (A19403) at dilution of 1:200 (40x lens).
Immunohistochemistry of paraffin-embedded Mouse heart using TOM20 antibody (A19403) at dilution of 1:200 (40x lens).

Immunofluorescence analysis of C6 cells using TOM20 antibody (A19403) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of HeLa cells using TOM20 antibody (A19403) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of NIH/3T3 cells using TOM20 antibody (A19403) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3ug TOM20 antibody (A19403). Western blot was performed from the immunoprecipitate using TOM20 antibody (A19403) at a dilution of 1:1000.