Anti-TOMM20 antibody (20-145) (STJ119224)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

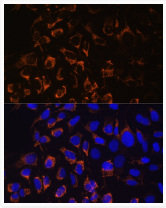
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 16kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

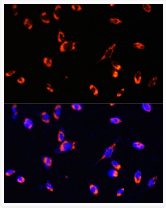
Gene ID	9804
Gene Symbol	TOMM20
UniProt ID	TOM20_HUMAN
Immunogen Region	20-145
Immunogen Sequence	YCIYFDRKRRSDPNFKNRLR ERRKKQKLAKERAGLSKLPD LKDAEAVQKFFLEEIQLGEE LLAQGEYEKGVDHLTNAIAV CGQPQQLLQVLQQTLPPPVF QMLLTKLPTISQRIVSAQSL AEDDVE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 20-145 of human TOM20 (NP_055580.1).

ADDITIONAL INFORMATION

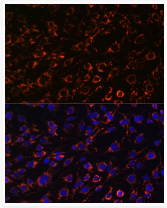
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



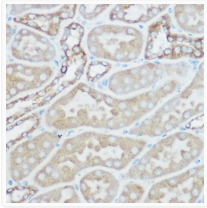
Immunofluorescence analysis of U2OS cells using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at dilution of 1:100. Blue: DAPI for nuclear staining.



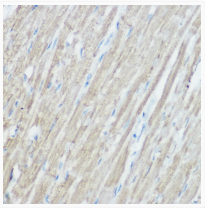
Immunofluorescence analysis of NIH/3T3 using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at dilution of 1:100. Blue: DAPI for nuclear staining.



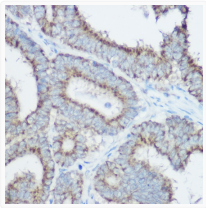
Immunofluorescence analysis of C6 cells using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at dilution of 1:100. Blue: DAPI for nuclear staining.



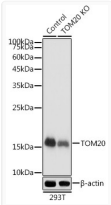
Immunohistochemistry analysis of TOM20 in paraffin-embedded rat kidney using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



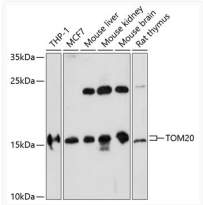
Immunohistochemistry analysis of TOM20 in paraffin-embedded mouse heart using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TOM20 in paraffin-embedded human colon carcinoma using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and TOM20 knockout (KO) 293T cells, using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of various lysates using [KO Validated] TOM20 Rabbit polyclonal antibody (STJ119224) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5min.