

TOM20 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17178**Specification**

TOM20 Antibody - Product Information

Application	IHC-P, WB
Primary Accession	Q15388
Other Accession	9804
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	16298

TOM20 Antibody - Additional Information**Gene ID** 9804**Other Names**

TOMM20, KIAA0016, MAS20, MOM19, TOM20

Target/Specificity

Human TOM20.

Reconstitution & Storage

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

TOM20 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TOM20 Antibody - Protein Information**Name** TOMM20**Synonyms** KIAA0016**Function**

Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity). Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.

Cellular Location

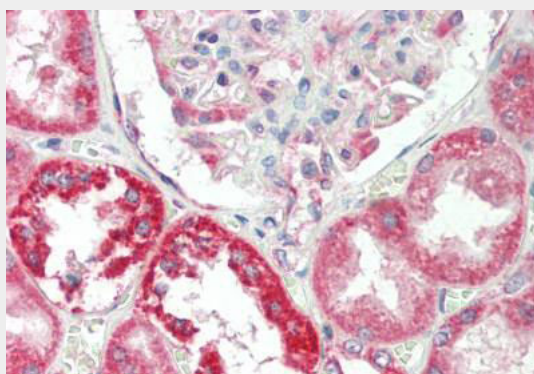
Mitochondrion outer membrane; Single-pass membrane protein

TOM20 Antibody - Protocols

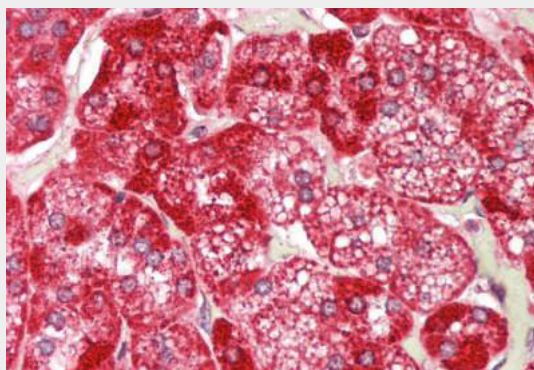
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

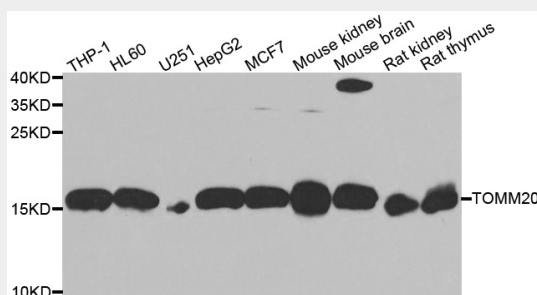
TOM20 Antibody - Images



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of extracts of various cell lines, using TOMM20 antibody.

TOM20 Antibody - Background

Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity).

TOM20 Antibody - References

Goping I.S.,et al.FEBS Lett. 373:45-50(1995).
Seki N.,et al.FEBS Lett. 375:307-310(1995).
Hernandez J.M.,et al.Gene 239:283-291(1999).
Nomura N.,et al.DNA Res. 1:27-35(1994).
Ota T.,et al.Nat. Genet. 36:40-45(2004).