

Anti-TOM20 Antibody
Rabbit polyclonal antibody to TOM20
Catalog # AP59783**Specification**

Anti-TOM20 Antibody - Product Information

Application	WB, IP
Primary Accession	Q15388
Other Accession	Q9DCC8
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16298

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

KIAA0016; Mitochondrial import receptor subunit TOM20 homolog; Mitochondrial 20 kDa outer membrane protein; Outer mitochondrial membrane receptor Tom20

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TOM20. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

IP~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-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

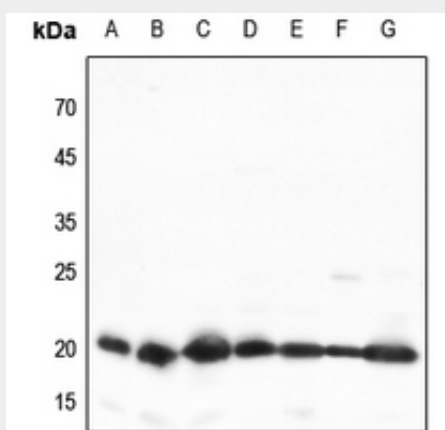
Mitochondrion outer membrane; Single-pass membrane protein

Anti-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](#)

Anti-TOM20 Antibody - Images



Western blot analysis of TOM20 expression in HEK293T (A), Hela (B), H460 (C), mouse lung (D), mouse spleen (E), mouse kidney (F), rat spleen (G) whole cell lysates.

Anti-TOM20 Antibody - Background

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Anti-TOM20 Antibody - Citations

- [Mitochondrial transplantation reduces lower limb ischemia-reperfusion injury by increasing skeletal muscle energy and adipocyte browning](#)