

## Product datasheet

info@arigobio.com

# ARG40096 anti-TOMM22 antibody

Package: 100 μl Store at: -20°C

#### **Summary**

Product Description Rabbit Polyclonal antibody recognizes TOMM22

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name TOMM22
Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-83 of Human TOMM22 (NP\_064628.1).

Conjugation Un-conjugated

Alternate Names Mitochondrial import receptor subunit TOM22 homolog; Translocase of outer membrane 22 kDa

subunit homolog; 1C9-2; hTom22; MSTP065; MST065; TOM22

### **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	16 kDa	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol TOMM22

Gene Full Name translocase of outer mitochondrial membrane 22 homolog (yeast)

Background The protein encoded by this gene is an integral membrane protein of the mitochondrial outer

membrane. The encoded protein interacts with TOMM20 and TOMM40, and forms a complex with several other proteins to import cytosolic preproteins into the mitochondrion. [provided by RefSeq, Jul

2008]

Function Central receptor component of the translocase of the outer membrane of mitochondria (TOM complex)

responsible for the recognition and translocation of cytosolically synthesized mitochondrial

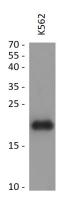
preproteins. Together with the peripheral receptor TOM20 functions as the transit peptide receptor

and facilitates the movement of preproteins into the translocation pore. [UniProt]

Calculated Mw 16 kDa

Cellular Localization Mitochondrion outer membrane; Single-pass membrane protein. [UniProt]

#### **Images**



#### ARG40096 anti-TOMM22 antibody WB image

Western blot: 25  $\mu g$  of K562 cell lysate stained with ARG40096 anti-TOMM22 antibody at 1:1000 dilution.