

Tom22 Rabbit pAb

CatalogNo: YN6191

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 16kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human Tom22

Specificity This antibody detects endogenous levels of Tom22 at Human, Mouse, Rat

Target Information

Gene name TOMM22 TOM22

Protein Name Mitochondrial import receptor subunit TOM22 homolog (hTom22) (1C9-2) (Translocase of outer membrane 22 kDa subunit homolog)

Organism	Gene ID	UniProt ID
Human	56993 ;	Q9NS69 ;
Mouse	223696 ;	Q9CPQ3 ;
Rat	300075 ;	Q75Q41 ;

Cellular Localization Mitochondrion outer membrane ; Single-pass membrane protein .

Tissue specificity Ubiquitous.

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 . Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases (By similarity).

| Validation Data

| Contact information

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Tom22 Rabbit pAb

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