

C18orf55 Rabbit pAb

CatalogNo: YN6547

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 27kD (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 C18orf55

Specificity This antibody detects endogenous levels of C18orf55 at Human, Mouse, Rat

Target Information

Gene name TIMM21 C18orf55 HSPC154 TIM21

Protein Name Mitochondrial import inner membrane translocase subunit Tim21 (TIM21-like protein, mitochondrial)

Organism	Gene ID	UniProt ID
Human	29090 ;	Q9BVV7 ;
Mouse	67105 ;	Q8CCM6 ;
Rat	307210 ;	Q5U2X7 ;

Cellular Localization Mitochondrion membrane ; Single-pass membrane protein .

Function Participates in the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Also required for assembly of mitochondrial respiratory chain complex I and complex IV as component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex. Probably shuttles between the presequence translocase and respiratory-chain assembly intermediates in a process that promotes incorporation of early nuclear-encoded subunits into these complexes.

| Validation Data

| Contact information

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C18orf55 Rabbit pAb

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