

## C18orf55 Rabbit pAb

CatalogNo: YN6547

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 27kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | 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.

### | 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

<b>Protein Name</b>	Mitochondrial import inner membrane translocase subunit Tim21 (TIM21-like protein, mitochondrial)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">29090</a> ;	<a href="#">Q9BVV7</a> ;
	Mouse	<a href="#">67105</a> ;	<a href="#">Q8CCM6</a> ;
	Rat	<a href="#">307210</a> ;	<a href="#">Q5U2X7</a> ;
<b>Cellular Localization</b>	Mitochondrion membrane ; Single-pass membrane protein .		
<b>Function</b>	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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