

C12orf65 Rabbit pAb

CatalogNo: YN7431

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 18kD (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 C12orf65

Specificity This antibody detects endogenous levels of C12orf65 at Human, Mouse

Target Information

Gene name C12orf65 My030

Protein Name Probable peptide chain release factor C12orf65, mitochondrial

Organism	Gene ID	UniProt ID
Human	91574 ;	Q9H3J6 ;
Mouse	72650 ;	Q80VP5 ;

Cellular Localization Mitochondrion .

Tissue specificity Expressed in all areas of the brain tested.

Function Part of a mitoribosome-associated quality control pathway that prevents aberrant translation by responding to interruptions during elongation . As heterodimer with MTRES1, ejects the unfinished nascent chain and peptidyl transfer RNA (tRNA), respectively, from stalled ribosomes. Recruitment of mitoribosome biogenesis factors to these quality control intermediates suggests additional roles for MTRES1 and MTRF during mitoribosome rescue .

| Validation Data

| Contact information

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C12orf65 Rabbit pAb

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