

TBK1 Rabbit pAb

Catalog No.: A14641

Basic Information

Observed MW

Refer to figures

Calculated MW

83kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

Background

Enables several functions, including identical protein binding activity; protein phosphatase binding activity; and protein serine/threonine kinase activity. Involved in negative regulation of gene expression; peptidyl-serine phosphorylation; and positive regulation of defense response. Acts upstream of or within several processes, including defense response to Gram-positive bacterium; dendritic cell proliferation; and positive regulation of interferon-beta production. Predicted to be located in nucleoplasm. Predicted to be active in cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; respiratory system; and sensory organ. Human ortholog(s) of this gene implicated in brain disease and frontotemporal dementia and/or amyotrophic lateral sclerosis-4. Orthologous to human TBK1 (TANK binding kinase 1).

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

56480

Swiss Prot

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

1200008B05Rik; TBK1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.