

Phospho-STING/TMEM173-S365 Rabbit pAb

Catalog No.: AP1199SP

9 Publications

Basic Information

Observed MW

41 kDa

Calculated MW

43 kDa

Category

Primary antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse

Background

Enables 2',3'-cyclic GMP-AMP binding activity; cyclic-di-GMP binding activity; and ubiquitin protein ligase binding activity. Involved in several processes, including defense response to other organism; macroautophagy; and positive regulation of interferon-beta production. Acts upstream of or within cellular response to interferon-beta; positive regulation of transcription by RNA polymerase II; and regulation of inflammatory response. Located in several cellular components, including autophagosome; perinuclear region of cytoplasm; and peroxisome. Is expressed in ductus deferens; epididymis; ileum; and prostate gland. Human ortholog(s) of this gene implicated in STING-associated vasculopathy with onset in infancy. Orthologous to human STING1 (stimulator of interferon response cGAMP interactor 1).

Recommended Dilutions

WB 1:1000 - 1:5000**IF/ICC** 1:400 - 1:1600

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

Immunogen Information

Gene ID

72512

Swiss Prot

Q3TBT3

Immunogen

This information is considered to be commercially sensitive.

Synonyms

ERIS; MPYS; Mita; STING; Tmem173; STING-beta; 2610307O08Rik; Phospho-STING-S365

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, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.