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Phospho-STING/TMEM173-S366 Rabbit pAb

Catalog No.: AP1223 **7 Publications**

Basic Information

Observed MW
40kDa

Calculated MW
42kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
340061

Swiss Prot
Q86WV6

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

Synonyms
ERIS; MITA; MPYS; SAVI; NET23; STING; hMITA; hSTING; TMEM173; STING-beta; Phospho-STING/TMEM173-S366

Contact

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Product Information

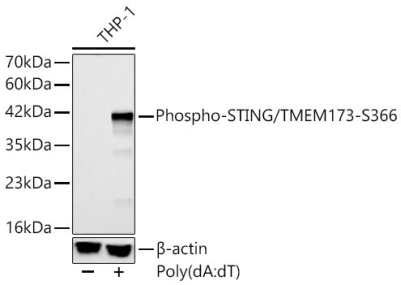
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from THP-1 cells using Phospho-STING/TMEM173-S366 Rabbit pAb (AP1223) at 1:500 dilution. THP-1 cells were differentiation with TPA (200 nM) for 15 minutes and transfection with poly(dA:dT) (5ug/mL) for 3 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.

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