

STING / TMEM173 Rabbit Polyclonal Antibody



CAB3575

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

39kDa

Calculated MW:

42kDa

Applications:

WB IHC IF IP

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

340061

Uniprot

Q86WV6

Synonyms:

TMEM173; ERIS; MITA; MPYS; NET23; SAVI; STING; hMITA; hSTING

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50

- 1:200 IF 1:50 - 1:200 IP

1:50 - 1:100

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 170-379 of human STING / TMEM173 (NP_938023.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

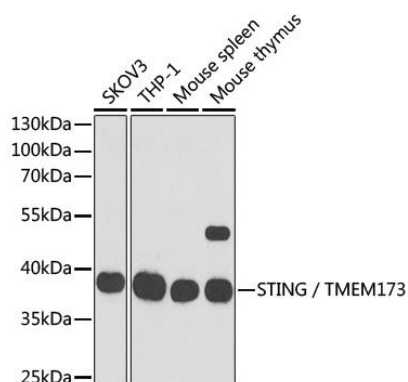
Isotype:

IgG

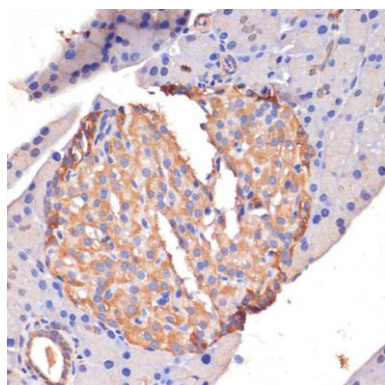
Purification:

Affinity purification

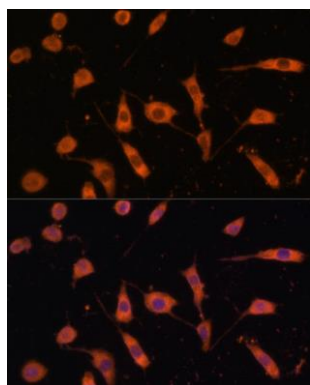
Product Images



Western blot analysis of extracts of various cell lines, using STING / TMEM173 antibody (CAB3575) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat pancreas using STING / TMEM173 antibody (CAB3575) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using STING / TMEM173 antibody (CAB3575) at dilution of 1:100. Blue: DAPI for nuclear staining.