

## STING/TMEM173 polyclonal antibody

Catalog: BS80431

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 33, 35 kDa

### Swiss-Prot:

Q3TBT3

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500-1:1000

IHC-P 1:50-1:200

IF/ICC 1:100-1:500

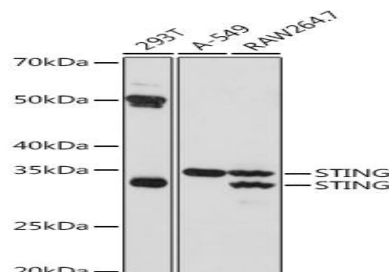
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

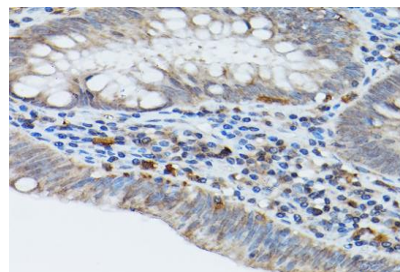
### Specificity:

STING/TMEM173 polyclonal antibody detects endogenous levels of STING/TMEM173 protein.

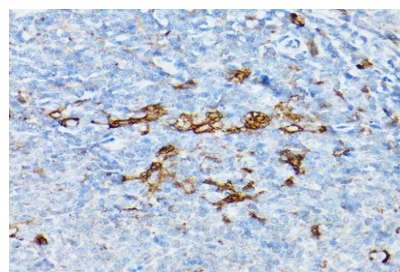
### DATA:



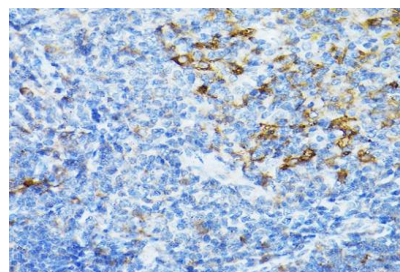
Western blot analysis of various lysates using STING pAb at 1:1000 dilution.



Immunohistochemistry analysis of STING in paraffin-embedded human colon carcinoma using STING pAb at dilution of 1:20 (40x lens).



Immunohistochemistry analysis of STING in paraffin-embedded rat spleen using STING pAb at dilution of 1:20 (40x lens).



Immunohistochemistry analysis of STING in paraffin-embedded mouse spleen using STING pAb at dilution of 1:20 (40x lens).

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Note:

For research use only, not for use in diagnostic procedure.

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