

Anti-Sting Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Mouse,Rat (predicted:Human)
Molecular Weight: Theoretical: 42 kDa. Actual: 38 kDa.
Purification: Protein A purified

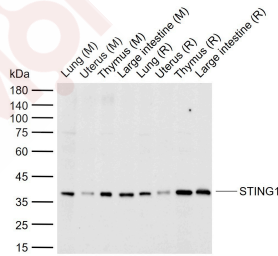
Applications

Sample:

Lane 1: Mouse Lung tissue lysates
Lane 2: Mouse Uterus tissue lysates
Lane 3: Mouse Thymus tissue lysates
Lane 4: Mouse Large intestine tissue lysates
Lane 5: Rat Lung tissue lysates

Verified Activity:

Lane 6: Rat Uterus tissue lysates
Lane 7: Rat Thymus tissue lysates
Lane 8: Rat Large intestine tissue lysates
Primary: Anti-STING1 (TMAB-01790) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kDa
Observed band size: 38 kDa



Application: WB
Recommended WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human STING1
Antigen Species: Human
Gene ID: 340061
Uniprot ID: Q86WV6
Synonyms: Mediator of IRF3 activation;sting;Stimulator of interferon genes protein;TMEM173
Biology Area: NFkB pathway,NFkB pathway,Antiviral Signaling,Interferons,Transmembrane

Research 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. [provided by RefSeq, Sep 2014]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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