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Datasheet for ABIN6220283

anti-STING/TMEM173 antibody (AA 170-379)

8 Images

Overview

Quantity:	20 µL
Target:	STING/TMEM173 (TMEM173)
Binding Specificity:	AA 170-379
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STING/TMEM173 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 170-379 of human STING/TMEM173 (NP_938023.1).
Sequence:	LILPELQARI RTYNQHYNNL LRGAVSQRLY ILLPLDCGVP DNLSMADPNI RFLDKLPQQT GDHAGIKDRV YSNSIYELLE NGQRAGTCVL EYATPLQLTF AMSQYSQAGF SREDRLEQAK LFCRTLEDIL ADAPESQNNC RLIAYQEPAD DSSFSLSQEV LRHLRQEEKE EVTVGSLKTS AVPSTSTMSQ EPELLISGME KPLPLRTDFS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

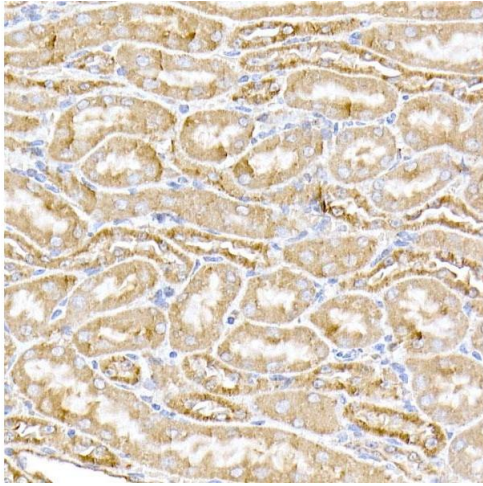
Target:	STING/TMEM173 (TMEM173)
Alternative Name:	STING (TMEM173 Products)
Background:	<p>This gene encodes a five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects 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.,TMEM173,ERIS,MITA,MPYS,NET23,SAVI,STING,hMITA,hSTING,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Immunology & Inflammation,Cytokines,Interferons,Cell Intrinsic Innate Immunity Signaling Pathway,STING</p>
Molecular Weight:	42 kDa
Gene ID:	340061
UniProt:	Q86WV6
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:100
Restrictions:	For Research Use only

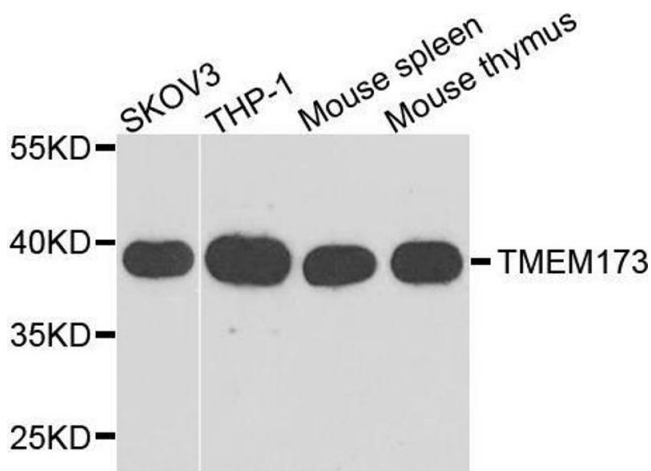
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



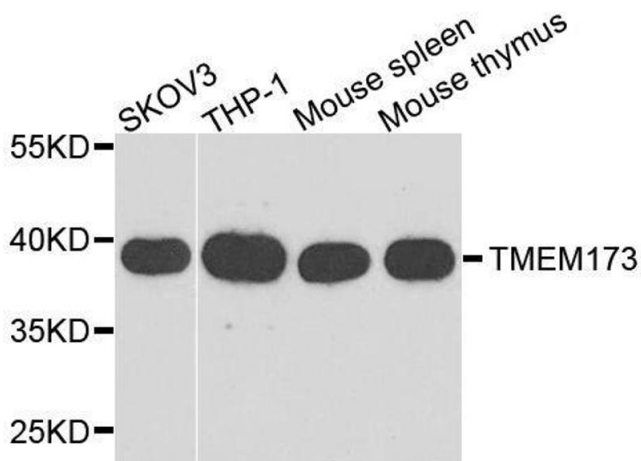
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver using STING/TMEM173 Rabbit pAb (ABIN1683049, ABIN3017833, ABIN3017834 and ABIN6220283) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell line, using TMEM173 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using TMEM173 antibody.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN6220283.