

Rabbit anti-Human, Mouse STING Polyclonal Antibody | anti-STING antibody

STING (Phospho-Ser366) Antibody

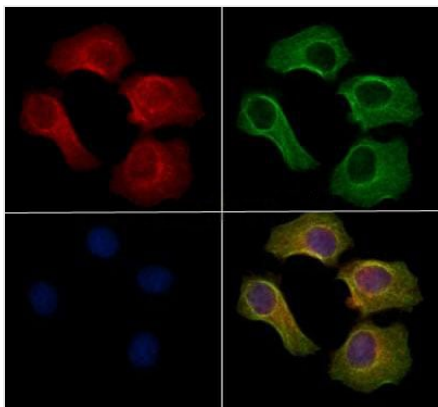
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29758	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

STING; Polyclonal Antibody; STING (Phospho-Ser366) Antibody; endoplasmic reticulum IFN stimulator; Endoplasmic reticulum interferon stimulator; ERIS; FLJ38577; hMITA; hSTING; Mediator of IRF3 activation; MITA; Mitochondrial mediator of IRF3 activation; MPYS; N terminal methionine proline tyrosine serine plasma membrane tetraspanner; NET23; Stimulator of interferon genes; Stimulator of interferon genes protein; TM173_HUMAN; Tmem173; Transmembrane protein 173;; anti-STING antibody

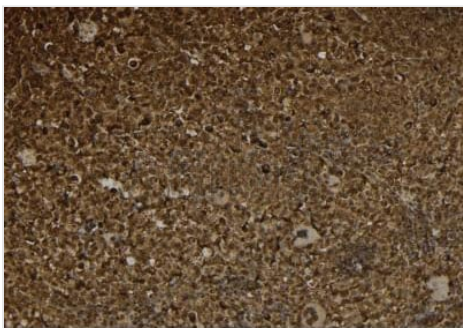
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Phospho-STING (Phospho-Ser366) Antibody detects endogenous levels of STING only when phosphorylated at Ser366
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence Length	379
Applicable Applications for anti-STING antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF/ICC: 1:100-1:500 ELISA (peptide): 1:20000-1:40000
Immunogen	A synthesized peptide derived from human STING around the phosphorylation site of Ser366.
Target Name	STING
Preparation and Storage	Store at -20 degree C.



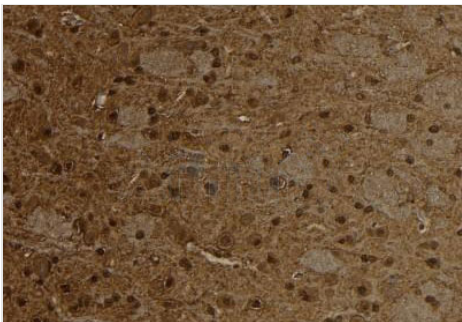
IF (Immunofluorescence)

AAA29758 staining HepG2 cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



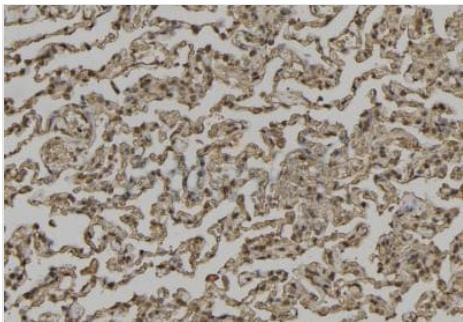
IHC (Immunohistochemistry)

AAA29758 at 1/100 staining mouse spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



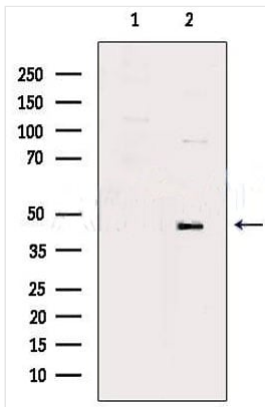
IHC (Immunohistochemistry)

AAA29758 at 1/100 staining rat brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA29758 at 1/100 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

0, IHC 1:50-1:200, IF/ICC 1:Western blot analysis of extracts from UV treated RAW264.7 cells, using Phospho-STING (Ser366) Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Product Categories/Family for anti-STING antibody	Phospho-specific Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38093659
NCBI GeneID	340061
NCBI Accession #	NP_938023.1
NCBI GenBank Nucleotide #	NM_198282.3
UniProt Accession #	Q86WV6; A8K3P6; B6EB35; D6RBX0; D6RE01; D6RID9
Molecular Weight	42
NCBI Official Full Name	stimulator of interferon genes protein isoform 1
NCBI Official Synonym Full Names	transmembrane protein 173
NCBI Official Symbol	TMEM173
NCBI Official Synonym Symbols	ERIS; MITA; MPYS; SAVI; NET23; STING; hMITA; hSTING
NCBI Protein Information	stimulator of interferon genes protein
UniProt Protein Name	Stimulator of interferon genes protein
UniProt Gene Name	TMEM173
UniProt Synonym Gene Names	; hMITA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sting-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29758>