

Rabbit anti-Human, Rat THEMIS Polyclonal Antibody | anti-THEMIS antibody

THEMIS Antibody

CATALOG # AAA234493	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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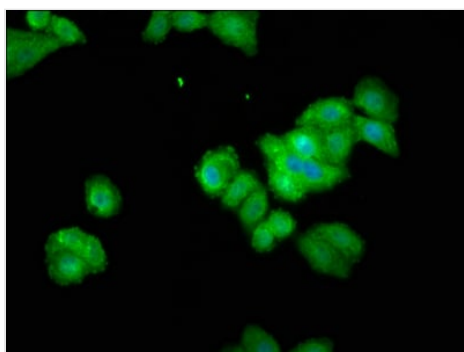
PRODUCT SYNONYMS

THEMIS; Polyclonal Antibody; THEMIS Antibody; Protein THEMIS; Thymocyte-expressed molecule involved in selection; C6orf190; C6orf207; anti-THEMIS antibody

PRODUCT SPECIFICATIONS

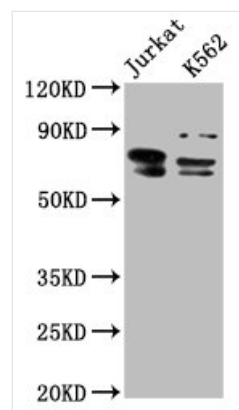
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	641
Applicable Applications for anti-THEMIS antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Protein THEMIS protein (547-641AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234493 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: Jurkat whole cell lysate, K562 whole cell lysate. All lanes: THEMIS antibody at 7.6ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 74, 70, 63, 78 KDa. Observed band size: 74, 70 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-THEMIS antibody	Plays a central role in late thymocyte development by controlling both positive and negative T-cell selection. Required to sustain and/or integrate signals required for proper lineage commitment and maturation of T-cells. Regulates T-cell development through T-cell antigen receptor (TCR) signaling and in particular through the regulation of calcium influx and phosphorylation of Erk.
Product Categories/Family for anti-THEMIS antibody	Immunology; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	58218986
NCBI GeneID	387357
NCBI Accession #	NP_001010923.1
NCBI GenBank Nucleotide #	NM_001010923.2
UniProt Accession #	Q8N1K5; Q5T3C4; Q5T3C5; Q6MZT7; A1L4F0; A8K7N1; B3KT31; B3KW32; B3KY07; F5H1J9
Molecular Weight	77,515 Da
NCBI Official Full Name	protein THEMIS isoform 2
NCBI Official Synonym Full Names	thymocyte selection associated
NCBI Official Symbol	THEMIS
NCBI Official Synonym Symbols	GASP; SPOT; TSEPA; C6orf190; C6orf207
NCBI Protein Information	protein THEMIS
UniProt Protein Name	Protein THEMIS
UniProt Gene Name	THEMIS
UniProt Synonym Gene Names	C6orf190; C6orf207

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://www.aaabiotech.com/polyclonal/themis-antibody-immunofluorescence-western-blot-elisa/234493>