

Rabbit anti-Mouse THEMIS Polyclonal Antibody | anti-THEMIS antibody

THEMIS Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285839	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

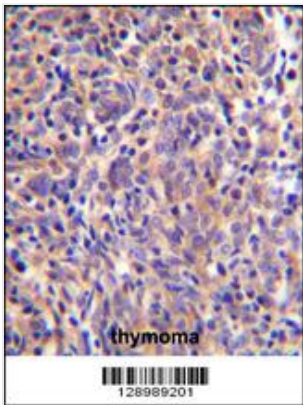
PRODUCT SYNONYMS

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

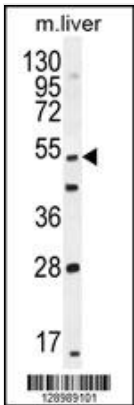
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This THEMIS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 559-588 amino acids from the C-terminal region of human THEMIS.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	559-588
Sequence Length	641
Applicable Applications for anti-THEMIS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
THEMIS Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human thymoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of THEMIS Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
THEMIS Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the THEMIS antibody detected the THEMIS protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-THEMIS antibody	This gene encodes a protein that plays a regulatory role in both positive and negative T-cell selection during late thymocyte development. The protein functions through T-cell antigen receptor signaling, and is necessary for proper lineage commitment and maturation of T-cells. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-THEMIS antibody	Immunology; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010) Bhatti, P., et al. Radiat. Res. 173(2):214-224(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Patrick, M.S., et al. Proc. Natl. Acad. Sci. U.S.A. 106(38):16345-16350(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58218986
NCBI GeneID	387357
NCBI Accession #	NP_001010923.1; NP_001158157.1; NP_001158159.1
NCBI GenBank Nucleotide #	NM_001010923.2
UniProt Accession #	Q8N1K5; Q5T3C4; Q5T3C5; Q6MZT7; A1L4F0; A8K7N1; B3KT31; B3KW32; B3KY07; F5H1J9
Molecular Weight	73452
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; bA325O24.3; bA325O24.4
NCBI Protein Information	protein THEMIS
UniProt Protein Name	Protein THEMIS

UniProt Gene Name	THEMIS
UniProt Synonym Gene Names	C6orf190; C6orf207
UniProt Entry Name	THMS1_HUMAN

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-immunohistochemistry-western-blot-elisa/285839>