

# THEMIS antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15016

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8N1K5</a>
<b>Other Accession</b>	<a href="#">NM_001164687</a> , <a href="#">NP_001158159</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	73452

## Additional Information

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<b>Gene ID</b>	387357
<b>Alias Symbol</b>	C6orf190, C6orf207, FLJ40584, MGC163388, TSEPA, bA325O24.3, bA325O24.4, GASP, SPOT
<b>Other Names</b>	Protein THEMIS, Thymocyte-expressed molecule involved in selection, THEMIS, C6orf190, C6orf207
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-THEMIS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	THEMIS antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	THEMIS
<b>Synonyms</b>	C6orf190, C6orf207
<b>Function</b>	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.

## Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8BGW0}. Nucleus {ECO:0000250|UniProtKB:Q8BGW0}

## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mungall A.J.,et al.Nature 425:805-811(2003).

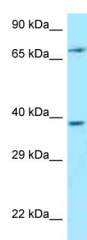
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Brill L.M.,et al.Anal. Chem. 76:2763-2772(2004).

## Images

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WB Suggested Anti-THEMIS Antibody Titration: 1.0 µg/ml  
Positive Control: Jurkat Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.