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Datasheet for ABIN2807002

**anti-THEMIS antibody (AA 301-400) (Alexa Fluor 594)**

## Overview

Quantity:	100 µL
Target:	THEMIS
Binding Specificity:	AA 301-400
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THEMIS antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human THEMIS
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	THEMIS
Alternative Name:	THEMIS ( <a href="#">THEMIS Products</a> )

## Target Details

Background:	Synonyms: GASP, SPOT, TSEPA, C6orf190, C6orf207, bA325O24.3, bA325O24.4, Protein THEMIS, Thymocyte-expressed molecule involved in selection, THEMIS Background: 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 (By similarity).
Gene ID:	387357
UniProt:	<a href="#">Q8N1K5</a>

## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months