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C1orf38 Rabbit pAb

Catalog # AP96729

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q5TEJ8
Other Accession	Q5TEJ8
Predicted	Rat, Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72049
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C1orf38
Epitope Specificity	1-100/643
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the themis family.
SUBUNIT	When phosphorylated, interacts with LYN. Interacts with VAV1 and GRB2 (By similarity).
Post-translational modifications	Phosphorylation at Tyr-632 is induced by LPS (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	9473
Other Names	C1orf38; ICB-1; ICB1; THMS2_HUMAN; THEMIS2; Induced by contact to basement membrane 1 protein (Protein ICB-1); Thymocyte-expressed molecule involved in selection protein 2; thymocyte selection associated family member 2; chromosome 1 open reading frame 38; induced by contact to basement membrane 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	THEMIS2 (HGNC:16839)

Function	May constitute a control point in macrophage inflammatory response, promoting LPS-induced TLR4-mediated TNF production (PubMed:20644716). Determines the threshold for activation of B cells by low-affinity and low-avidity ligands via PLCG2 activation and its downstream pathways (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q91YX0}. Cytoplasm {ECO:0000250|UniProtKB:Q91YX0}
Tissue Location	Expressed in different endometrial adenocarcinoma cell lines and various other cell lines apart from the prostate cell line LNCaP and the ovarian cancer cell line BG1

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