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TNRC5/PRAT4A Rabbit pAb

Catalog # AP99304

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BT09
Other Accession	Q9BT09
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30748
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TNRC5/PRAT4A
Epitope Specificity	61-160/278
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 canopy family. Contains 1 saposin B-type domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	PRAT4A is associated with the immature form of TLR4 (MIM 603030) and regulates its cell surface expression (Wakabayashi et al., 2006 [PubMed 16849487]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	10695
Other Names	CAG4A; DEE60; EIEE60; ERDA5; PRAT4A; TNRC5; CNPY3_HUMAN; CNPY3; CTG repeat protein 4a; Expanded repeat-domain protein CAG/CTG 5; Protein associated with TLR4; Trinucleotide repeat-containing gene 5 protein; CTG4A; CNPY3_PIG; canopy FGF signaling regulator 3; trinucleotide repeat containing 5; canopy 3 homolog (zebrafish)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	CNPY3

Synonyms	CTG4A, ERDA5, PRAT4A, TNRC5
Function	Toll-like receptor (TLR)-specific co-chaperone for HSP90B1. Required for proper TLR folding, except that of TLR3, and hence controls TLR exit from the endoplasmic reticulum. Consequently, required for both innate and adaptive immune responses (By similarity).
Cellular Location	Endoplasmic reticulum.

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