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ZFYVE21 Rabbit pAb

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Catalog # AP57416

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BQ24
Predicted	Rat, Pig, Dog, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26506
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZFYVE21
Epitope Specificity	1-100/234
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell junction > focal adhesion. Cytoplasmic vesicle. Within cytoplasmic vesicles, partially colocalizes with EEA1, an endosomal marker.
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	79038
Other Names	Zinc finger FYVE domain-containing protein 21, ZF21, ZFYVE21
Dilution	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	ZFYVE21
Function	Plays a role in cell adhesion, and thereby in cell motility which requires repeated formation and disassembly of focal adhesions. Regulates microtubule-induced PTK2/FAK1 dephosphorylation, an event important for focal adhesion disassembly, as well as integrin beta- 1/ITGB1 cell surface expression.

Cellular Location	Cell junction, focal adhesion. Cytoplasmic vesicle. Endosome. Note=Within cytoplasmic vesicles, partially colocalizes with EEA1, an endosomal marker

Background

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