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FCHO2 Rabbit pAb

Catalog # AP97350

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q0JRZ9
Other Accession	Q0JRZ9
Reactivity	Rat
Predicted	Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88924
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FCHO2
Epitope Specificity	1-100/810
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 FCH domain.
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	115548
Other Names	5832424M12Rik; RGD1565396; FCHO2_HUMAN; FCHO2; FCHO2_MOUSE; FCHO2_RAT; FCH and mu domain containing endocytic adaptor 2; FCH domain only 2
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	FCHO2
Function	Functions in an early step of clathrin-mediated endocytosis. Has both a membrane binding/bending activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. Has a lipid-binding activity with a preference for membranes enriched in phosphatidylserine and phosphoinositides (Pi(4,5) biphosphate) like the plasma membrane. Its membrane-bending activity might be important for the

	subsequent action of clathrin and adaptors in the formation of clathrin-coated vesicles. Involved in adaptor protein complex AP-2-dependent endocytosis of the transferrin receptor, it also functions in the AP-2-independent endocytosis of the LDL receptor.
Cellular Location	Membrane, clathrin-coated pit; Peripheral membrane protein; Cytoplasmic side. Note=Associated with forming but not mature clathrin- coated vesicles. The recruitment to coated-pits precede the one of clathrin and the adaptor protein complex AP-2 (By similarity)

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