10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZFPL1 Rabbit pAb

Catalog # AP97797

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95159
Other Accession	O95159
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34114
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZFPL1
Epitope Specificity	31-130/310
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Zinc finger protein-like 1 is a 310 amino acid single-pass membrane protein with two zinc fingers at the N-terminus, the second of which is likely a RING domain. The RING domain, which is a 40-60 amino acid, cysteine-rich domain that binds two atoms of zinc, plays a key role in the ubiquitination pathway. The presence of zinc finger-like and leucine zipper-like domains in ZFPL1 suggests a role in DNA binding and transcriptional regulation. ZFP1 is widely expressed in the golgi apparatus and is involved in maintaining golgi structure and regulating the rate of cargo transport.

Additional Information

Gene ID	7542
Other Names	D11S750; MCG4; ZFPL1_HUMAN; ZFPL1; Zinc finger protein MCG4; ZFPL1_MOUSE; zinc finger protein like 1; zinc-finger protein in MEN1 region
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	ZFPL1

Function	Required for cis-Golgi integrity and efficient ER to Golgi transport. Involved in the maintenance of the integrity of the cis- Golgi, possibly via its interaction with GOLGA2/GM130.
Cellular Location	Golgi apparatus, cis-Golgi network membrane; Single-pass membrane protein
Tissue Location	Expressed strongly in the exocrine pancreas.

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