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VOPP1 Rabbit pAb

Catalog # AP97397

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96AW1
Other Accession	Q96AW1
Predicted	Rat, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19224
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human VOPP1
Epitope Specificity	41-140/172
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 VOPP1/ECOP family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	VOPP1 (Vesicular, Overexpressed In Cancer, Prosurvival Protein 1) is a Protein Coding gene. GO annotations related to this gene include signal transducer activity.

Additional Information

Gene ID	81552
Other Names	ECOP; GASP; WBP1L2; RGD1306494; VOPP1_BOVIN; VOPP1; EGFR-coamplified and overexpressed protein (ECop); Vesicular, overexpressed in cancer, prosurvival protein 1; VOPP1_HUMAN; Glioblastoma-amplified secreted protein; Putative NF-kappa-B-activating protein 055N; VOPP1_MOUSE; VOPP1_PONAB; VOPP1_RAT; VOPP1 WW domain binding protein; VOPP1, WBP1/VOPP1 family member; EGFR-coamplified and overexpressed protein
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	VOPP1 (HGNC:34518)

Synonyms	ECOP, GASP
Function	Increases the transcriptional activity of NFKB1 by facilitating its nuclear translocation, DNA-binding and associated apoptotic response, when overexpressed (PubMed:15735698). May sequester WWOX in lysosomal vesicles and thereby regulate WWOX role as tumor suppressor (PubMed:30285739).
Cellular Location	Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Late endosome membrane; Single-pass membrane protein. Lysosome membrane; Single-pass membrane protein. Note=When overexpressed, localizes in the nucleus and perinuclear regions.
Tissue Location	Widely expressed with highest levels in thymus and ovary.

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