ECOP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ECOP, Polyclonal Antibody
Full Product Name	ECOP, ID (VOPP1, ECOP, GASP, Vesicular, overexpressed in cancer, prosurvival protein 1, EGFR-coamplified and overexpressed protein, Glioblastoma-amplified secreted protein, Putative NF-kappa-B-activating protein 055N) (MaxLight 490)
Product Gene Name	anti-ECOP antibody
Product Synonym Gene Name	VOPP1
Product Synonym Names	VOPP1; ECOP; GASP; Vesicular; overexpressed in cancer; prosurvival protein 1; EGFR-coamplified and overexpressed protein; Glioblastoma-amplified secreted protein; Putative NF-kappa-B-activating protein 055N
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	17,381 Da
OMIM	611915
3D Structure	ModBase 3D Structure for Q96AW1
Immunogen	ECOP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-103 amino acids from the Central region of human ECOP.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-ECOP antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-ECOP antibody	Western Blot (WB), FLISA
Application Notes for anti-ECOP antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ECOP antibody	Increases the transcriptional activity of NFKB1 by facilitating its nuclear translocation, DNA-binding and associated apoptotic response, when overexpressed.
Product References and Citations for anti-ECOP antibody	Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010). Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010). Baras, A., et al. Oncogene 28(32):2919-2924(2009). Chechlinska, M., et al. BMC Genomics 10, 261 (2009): Brem, H., et al. Mol. Med. 13 (1-2), 30-39 (2007).

Other Notes	Small volumes of anti-ECOP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ECOP purchase	MBS6294264 is an antibody targeting ECOP. Also known as ECOP, ID (VOPP1, ECOP, GASP, Vesicular, overexpressed in cancer, prosurvival protein 1, EGFR-coamplified and overexpressed protein, Glioblastoma-amplified secreted protein, Putative NF-kappa-B-activating protein 055N) (MaxLight 490). Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ECOP. It may not necessarily be applicable to this product.

NCBI GI #	106507239
NCBI GeneID	81552
NCBI Accession #	NP_110423.3
UniProt Primary Accession #	Q96AW1
UniProt Secondary Accession #	Q6FIE3; Q8NBN8; Q96RE5; Q9H0W4; B0AZU1; B2RAT4; B3KS72; C9JWR3
UniProt Related Accession #	Q96AW1
GenBank Nucleotide #	NM_030796.3
NCBI Official Full Name	vesicular, overexpressed in cancer, prosurvival protein 1 isoform 1
NCBI Official Synonym Full Names	vesicular, overexpressed in cancer, prosurvival protein 1
NCBI Official Symbol	VOPP1
NCBI Official Synonym Symbols	ECOP; GASP
UniProt Protein Name	Vesicular, overexpressed in cancer, prosurvival protein 1
UniProt Synonym Protein Names	EGFR-coamplified and overexpressed protein; ECop; Glioblastoma-amplified secreted protein; Putative NF-kappa-B-activating protein 055N
Protein Family	Vesicular, overexpressed in cancer, prosurvival protein
UniProt Gene Name	VOPP1
UniProt Synonym Gene Names	ECOP; GASP; ECop
UniProt Entry Name	VOPP1_HUMAN
NCBI Protein Information	vesicular, overexpressed in cancer, prosurvival protein 1; hypothetical protein DKFZp564K0822; Glioblastoma-amplified secreted protein; EGFR-coamplified and overexpressed protein; putative NF-kappa-B-activating protein 055N
UniProt Comments for ECOP	ECOP: Increases the transcriptional activity of NFKB1 by facilitating its nuclear translocation, DNA-binding and associated apoptotic response, when overexpressed. Belongs to the VOPP1/ECOP family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 7p11.2 Cellular Component: cytoplasmic vesicle membrane; endosome Molecular Function: signal transducer activity Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent; signal transduction

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