FGFR1OP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGFR1OP2, Polyclonal Antibody
Full Product Name	FGFR1OP2 Antibody; FITC conjugated
Product Gene Name	anti-FGFR1OP2 antibody
Product Synonym Names	FGFR1 oncogene partner 2; FGFR1OP2; HSPC123
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, mouse
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: FGFR1OP2 (MBS7004542) FITC Conjugated Antibody: FGFR1OP2 (MBS7000782)
Molecular Weight	20,175 Da
OMIM	608858
3D Structure	ModBase 3D Structure for Q9NVK5
Immunogen	Recombinant human FGFR1 oncogene partner 2 protein
Conjugation	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-167892
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FGFR1OP2 antibody	ELISA (EIA)
Related Product Information for anti-FGFR1OP2 antibody	MBS7000782 is an antibody targeting FGFR1OP2. Also known as FGFR1OP2 Antibody; FITC conjugated. Reactive in Human, mouse. Host: Rabbit. May be involved in wound healing pathway.
Other Notes	Small volumes of anti-FGFR1OP2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGFR1OP2. It may not necessarily be applicable to this product.

NCBI GI #	288541311
NCBI GeneID	26127
NCBI Accession #	NP_001165358.1

UniProt Primary Accession #	Q9NVK5
UniProt Secondary Accession #	Q6R955; Q8N5L7; Q9P034; Q9UFK8
UniProt Related Accession #	Q9NVK5
GenBank Nucleotide #	NM_001171887.1
NCBI Official Full Name	FGFR1 oncogene partner 2 isoform 2
NCBI Official Synonym Full Names	FGFR1 oncogene partner 2
NCBI Official Symbol	FGFR1OP2
NCBI Official Synonym Symbols	WIT3.0; HSPC123-like
UniProt Protein Name	FGFR1 oncogene partner 2
Protein Family	FGFR1 oncogene partner
UniProt Gene Name	FGFR1OP2
UniProt Entry Name	FGOP2_HUMAN
NCBI Protein Information	FGFR1 oncogene partner 2
UniProt Comments for FGFR1OP2	FGFR1OP2: May be involved in wound healing pathway. A chromosomal aberration involving FGFR1OP2 may be a cause of stem cell myeloproliferative disorder (MPD). Insertion ins(12;8)(p11;p11p22) with FGFR1. MPD is characterized by myeloid hyperplasia, eosinophilia and T-cell or B-cell lymphoblastic lymphoma. In general it progresses to acute myeloid leukemia. The fusion protein FGFR1OP2-FGFR1 may exhibit constitutive kinase activity and be responsible for the transforming activity. Belongs to the SIKE family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 12p11.23 Cellular Component: cytosol Molecular Function: protein binding; protein homodimerization activity Biological Process: wound healing
Research Articles on FGFR1OP2	**1.** The patient with minor allele of ss518063493 may be associated with excessive atrophy of edentulous mandible whereas the patients with that of rs840869 are not associated in Korean population.
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