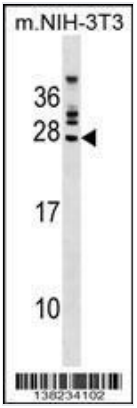
FGFR1OP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGFR1OP2, Polyclonal Antibody
Full Product Name	FGFR1OP2, ID (FGFR1OP2, FGFR1 oncogene partner 2)
Product Gene Name	anti-FGFR1OP2 antibody
Product Synonym Names	Anti -FGFR1OP2, ID (FGFR1OP2, FGFR1 oncogene partner 2)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human, mouse
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	29,426 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (27091305..27119581). Location: 12p11.23
OMIM	608858
3D Structure	ModBase 3D Structure for Q9NVK5
Immunogen	FGFR1OP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 139-166 amino acids from the Central region of human FGFR1OP2.
Product Categories/Family for anti-FGFR1OP2 antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-FGFR1OP2 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-FGFR1OP2 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-FGFR1OP2 antibody	MBS6004161 is an antibody targeting FGFR1OP2. Also known as FGFR1OP2, ID (FGFR1OP2, FGFR1 oncogene partner 2). Reactive in Human, Mouse. Host: Rabbit. FGFR1OP2 may be involved in wound healing pathway (By similarity).
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.



Western Blot (WB) of anti-FGFR1OP2 antibody
FGFR1OP2 Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the FGFR1OP2 antibody detected the FGFR1OP2 protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	288541323
NCBI GeneID	26127
NCBI Accession #	NP_001165359.1
UniProt Primary Accession #	Q9NVK5
UniProt Secondary Accession #	Q6R955; Q8N5L7; Q9P034; Q9UFK8
UniProt Related Accession #	Q9NVK5
GenBank Nucleotide #	NM_001171888.1
NCBI Official Full Name	FGFR1 oncogene partner 2 isoform 3
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; wound inducible transcript 3.0; fibroblast growth factor receptor 1 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 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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