FGFR1OP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGFR1OP2, Polyclonal Antibody
Full Product Name	FGFR1OP2 Conjugated Antibody
Product Gene Name	anti-FGFR1OP2 antibody
Product Synonym Names	WIT3.0; HSPC123-like
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total FGFR1OP2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	20,175 Da
OMIM	608858
3D Structure	ModBase 3D Structure for Q9NVK5
Immunogen	Full length fusion protein
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-FGFR1OP2 antibody	Most Applications
Application Notes for anti-FGFR1OP2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-FGFR1OP2 antibody	Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors which include the Flg receptor (FGFR-1) and the Bek receptor (FGFR-2), as well as FGFR-3, FGFR-4, FGFR-5 and FGFR-6. FGFR1OP2 (FGFR1 oncogene partner 2), also known as HSPC123, is a 253 amino acid cytoplasmic protein that is expressed in spleen, thymus and bone marrow and is involved in wound healing under normal cellular conditions. Additionally, FGFR1OP2 may also exist as an aberrant fusion protein with Flg and it is thought that the FGFR1OP2-Flg mutant may play a role in the pathogenesis of stem cell myeloproliferative disorder (MPD). Multiple isoforMouse of FGFR1OP2 exist due to alternative splicing events.
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.

Searchable Terms for FGFR1OP2 purchase	MBS9446939 is an antibody targeting FGFR1OP2. Also known as FGFR1OP2 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	33878593
NCBI GeneID	26127
NCBI Accession #	BC032143
UniProt Primary Accession #	Q9NVK5
UniProt Secondary Accession #	Q6R955; Q8N5L7; Q9P034; Q9UFK8
UniProt Related Accession #	Q9NVK5
NCBI Official Full Name	Homo sapiens FGFR1 oncogene partner 2, mRNA
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
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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