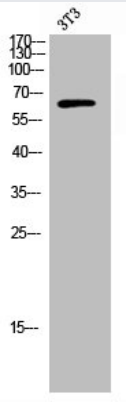
RFTN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RFTN1, Polyclonal Antibody
Full Product Name	RFTN1 Antibody
Product Gene Name	anti-RFTN1 antibody
Product Synonym Names	RFTN1; KIAA0084; MIG2; Raftlin; Cell migration-inducing gene 2 protein; Raft-linking protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	63,146 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (16357352..16555222, complement). Location: 3p24.3
3D Structure	ModBase 3D Structure for Q14699
Immunogen	Synthesized peptide derived from the C-terminal region of human Raftlin.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-RFTN1 antibody	Tags & Cell Markers
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RFTN1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RFTN1 antibody	WB: 1:500-1:2000 ELISA: 1:20000
Related Product Information for anti-RFTN1 antibody	MBS7118288 is an antibody targeting RFTN1. Also known as RFTN1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-RFTN1 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-RFTN1 antibody
Western Blot analysis of 3T3 cells using Raftlin Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RFTN1. It may not necessarily be applicable to this product.

NCBI GI #	41872577
NCBI GeneID	23180
NCBI Accession #	NP_055965.1
UniProt Primary Accession #	Q14699
UniProt Secondary Accession #	Q0D2G0; Q496Y2; Q4QQI7; Q5JB48; Q7Z7P2
UniProt Related Accession #	Q14699
GenBank Nucleotide #	NM_015150.1
NCBI Official Full Name	raftlin
NCBI Official Synonym Full Names	raftlin, lipid raft linker 1
NCBI Official Symbol	RFTN1
NCBI Official Synonym Symbols	MIG2; PIG9; PIB10; RAFTLIN
UniProt Protein Name	Raftlin
UniProt Synonym Protein Names	Cell migration-inducing gene 2 protein; Raft-linking protein
Protein Family	Raftlin
UniProt Gene Name	RFTN1
UniProt Synonym Gene Names	KIAA0084
UniProt Entry Name	RFTN1_HUMAN
NCBI Protein Information	raftlin; raft-linking protein; proliferation-inducing protein 9; proliferation-inducing protein 10; cell migration-inducing gene 2 protein

UniProt Comments for RFTN1	RFTN1: May play a pivotal role in the formation and/or maintenance of lipid rafts. May regulate B-cell antigen receptor- mediated signaling. Belongs to the raftlin family. Protein type: Unknown function Chromosomal Location of Human Ortholog: 3p24.3 Cellular Component: protein complex; cytoplasm; plasma membrane; endosome; lipid raft Molecular Function: double-stranded RNA binding Biological Process: protein transport into lipid raft; B cell receptor signaling pathway; response to exogenous dsRNA; T cell antigen processing and presentation; interleukin-17 production; dsRNA transport; toll-like receptor 3 signaling pathway; lipid raft formation; T cell receptor signaling pathway; growth
Research Articles on RFTN1	**1.** combination of ATOH7 and RFTN1 SNPs increased risk to POAG, indicating their diversified effects in the complex genetics of glaucoma.
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