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Raftlin Polyclonal Antibody
Catalog # AP72172

Specification

Raftlin Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q14699
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Raftlin Polyclonal Antibody - Additional Information

Gene ID 23180

Other Names
RFTN1; KIAA0084; MIG2; Raftlin; Cell migration-inducing gene 2 protein; Raft-linking protein

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Raftlin Polyclonal Antibody - Protein Information

Name RFTN1

Synonyms KIAA0084

Function
Involved in protein trafficking via association with clathrin and AP2 complex (PubMed:21266579, PubMed:27022195). Upon bacterial lipopolysaccharide stimulation, mediates internalization of TLR4 to endosomes in dendritic cells and macrophages; and internalization of poly(I:C) to TLR3-positive endosomes in myeloid dendritic cells and epithelial cells; resulting in activation of TICAM1-mediated signaling and subsequent IFNB1 production (PubMed:21266579, PubMed:27022195). Involved in T-cell antigen receptor-mediated signaling by regulating tyrosine kinase LCK localization, T-cell dependent antibody production and cytokine secretion (By similarity). May regulate B-cell antigen receptor-mediated signaling (PubMed:12805216). May play a pivotal role in the formation and/or maintenance of lipid rafts (PubMed:12805216).

Cellular Location
Cell membrane; Lipid-anchor. Cytoplasm. Membrane raft. Endosome. Early endosome. Note=Translocates from cytoplasm to cell membrane where it colocalizes with poly (I:C) and then moves to endosomes where it colocalizes with TLR3 (PubMed:21266579) Translocates from cytoplasm to cell membrane where it colocalizes with TLR4 and then together with TLR4 moves to endosomes, upon lipopolysaccharide stimulation (PubMed:27022195)

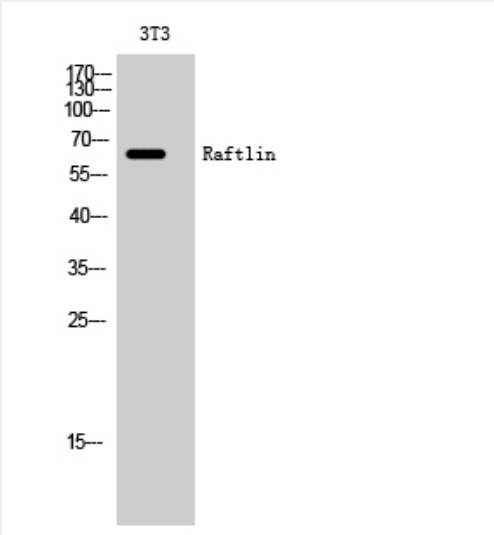
Tissue Location
Expressed in B-cells (at protein level) (PubMed:12805216). Expressed in dendritic cells and macrophages (PubMed:21266579, PubMed:27022195).

Raftlin Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Raftlin Polyclonal Antibody - Images



Raftlin Polyclonal Antibody - Background

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receptor- mediated signaling (PubMed:12805216). May play a pivotal role in the formation and/or maintenance of lipid rafts (PubMed:12805216).