MLPH Polyclonal Antibody

Catalog Number:E-AB-61276

Note: Centrifuge before opening to ensure complete recovery of vial contents.
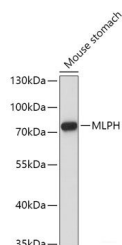
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human MLPH (NP_077006.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

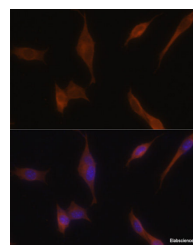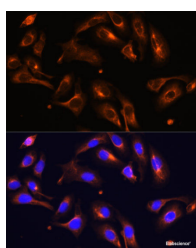| Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

Data

Western blot analysis of extracts of Mouse stomach using MLPH Polyclonal Antibody at dilution of 1:1000.
Observed Mw:75kDa
Calculated
Mw:50kDa/52kDa/60kDa/62kDa/65kDa

Immunofluorescence analysis of NIH-3T3 cells using MLPH Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.

Immunofluorescence analysis of U-2 OS cells using MLPH Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the exophilin subfamily of Rab effector proteins. The protein forms a ternary complex

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with the small Ras-related GTPase Rab27A in its GTP-bound form and the motor protein myosin Va. A similar protein complex in mouse functions to tether pigment-producing organelles called melanosomes to the actin cytoskeleton in melanocytes, and is required for visible pigmentation in the hair and skin. A mutation in this gene results in Griscelli syndrome type 3, which is characterized by a silver-gray hair color and abnormal pigment distribution in the hair shaft. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.