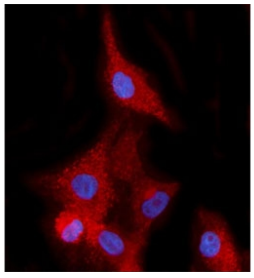
EHD2 Antibody (RQ6476)

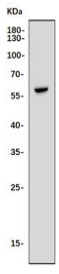
Catalog No.	Formulation	Size
RQ6476	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NZN4
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml
Limitations	This EHD2 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with EHD2 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human U-87 MG cell lysate with EHD2 antibody. Predicted molecular weight ~61 kDa.

Description

EH-domain containing 2, also known as EHD2, is a human gene belonging to the EHD protein family. This gene encodes a member of the EH domain-containing protein family. These proteins are characterized by a C-terminal EF-hand domain, a nucleotide-binding consensus site at the N terminus and a bipartite nuclear localization signal. The encoded protein interacts with the actin cytoskeleton through an N-terminal domain and also binds to an EH domain-binding protein through the C-terminal EH domain. This interaction appears to connect clathrin-dependent endocytosis to actin, suggesting that this gene product participates in the endocytic pathway.

Application Notes

Optimal dilution of the EHD2 antibody should be determined by the researcher.

Immunogen

Amino acids KKQLILKLPVIFAKIQLEHH from the human protein were used as the immunogen for the EHD2 antibody.

Storage

After reconstitution, the EHD2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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