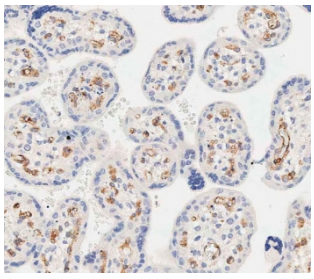
EHD2 Antibody (F54752)

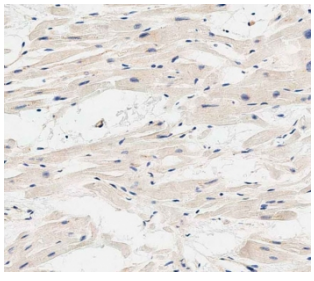
Catalog No.	Formulation	Size
F54752-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54752-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

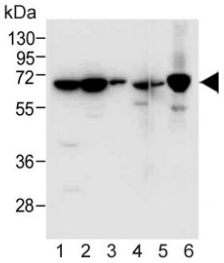
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9NZN4
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This EHD2 antibody is available for research use only.



IHC testing of FFPE human placental tissue with EHD2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human heart tissue with EHD2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Western blot testing of human 1) heart, 2) A549, 3) placenta, 4) HeLa, 5) mouse kidney and 6) rat lung tissue lysate with EHD2 antibody. Predicted molecular weight: ~61 kDa.

Description

EH domain-containing protein 2 plays a role in membrane reorganization in response to nucleotide hydrolysis. Binds to liposomes and deforms them into tubules. Plays a role in membrane trafficking between the plasma membrane and endosomes. Important for the internalization of GLUT4. Required for normal fusion of myoblasts to skeletal muscle myotubes. Required for translocation of FER1L5 to the plasma membrane. Binds ATP; does not bind GTP (By similarity).

Application Notes

The stated application concentrations are suggested starting points. Titration of the EHD2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 415-449 from the human protein was used as the immunogen for the EHD2 antibody.

Storage

Aliquot the EHD2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com