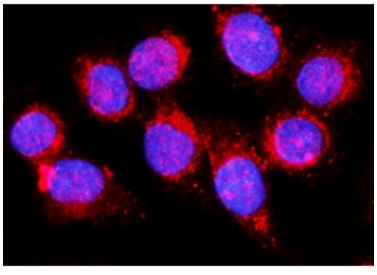
PAST1 Antibody / EHD1 / EH domain-containing protein 1 (RQ6475)

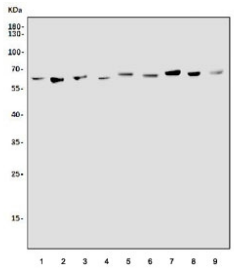
Catalog No.	Formulation	Size
RQ6475	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

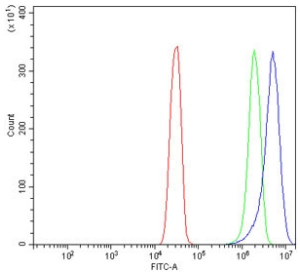
Availability	1-3 business days
Species Reactivity	Human, Mouse, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H4M9
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This PAST1 antibody is available for research use only.



Immunofluorescent staining of FFPE human SiHa cells with PAST1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human T47-D, 2) human Caco-2, 3) human A549, 4) human MCF7, 5) monkey COS-7, 6) mouse testis, 7) mouse kidney, 8) mouse lung and 9) mouse ovary lysate with PAST1 antibody. Expected molecular weight ~61 kDa.



Flow cytometry testing of human SiHa cells with PAST1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PAST1 antibody.

Description

EH domain-containing protein 1, also known as testilin or PAST homolog 1 (PAST1), is a protein that in humans is encoded by the EHD1 gene, belonging to the EHD protein family. It is mapped to 11q13.1. This gene belongs to a highly conserved gene family encoding EPS15 homology (EH) domain-containing proteins. The protein-binding EH domain was first noted in EPS15, a substrate for the epidermal growth factor receptor. The EH domain has been shown to be an important motif in proteins involved in protein-protein interactions and in intracellular sorting. The protein encoded by this gene is thought to play a role in the endocytosis of IGF1 receptors. Alternatively spliced transcript variants have been found for this gene.

Application Notes

Optimal dilution of the PAST1 antibody should be determined by the researcher.

Immunogen

Amino acids HELPADLPPHLVPPSKRRHE from the human protein were used as the immunogen for the PAST1 antibody.

Storage

After reconstitution, the PAST1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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