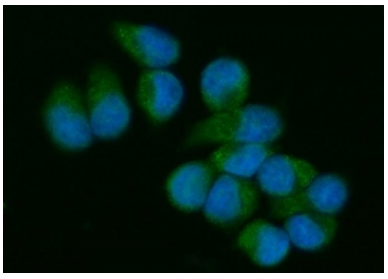
VAV3 Antibody (RQ6816)

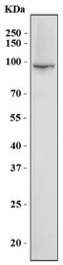
Catalog No.	Formulation	Size
RQ6816	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UKW4
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This VAV3 antibody is available for research use only.



Immunofluorescent staining of FFPE human T-47 D cells with VAV3 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human Jurkat cell lysate with VAV3 antibody. Predicted molecular weight: ~97 kDa (isoform alpha), ~87 kDa (isoform beta).

Description

Guanine nucleotide exchange factor VAV3 is a protein that in humans is encoded by the VAV3 gene. This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Application Notes

Optimal dilution of the VAV3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D507-E702) was used as the immunogen for the VAV3 antibody.

Storage

After reconstitution, the VAV3 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
Copyright © NSJ Bioreagents. All rights reserved.