Datasheet for ABIN1700908

anti-VAV3 antibody (pTyr141) (Biotin)

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Overview

Quantity:	100 µL
Target:	VAV3
Binding Specificity:	pTyr141
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human VAV3 around the phosphorylation site of Tyr141
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	VAV3

Target Details

Alternative Name:	VAV3 (VAV3 Products)
Background:	Synonyms: VAV3phospho Y141, Guanine nucleotide exchange factor VAV3, Protein vav 3, Protein vav3, VAV 3, Vav 3 guanine nucleotide exchange factor, VAV 3 oncogene, VAV 3 protein, VAV-3, Vav3, VAV3 oncogene, VAV3 protein, VAV3_HUMAN. Background: The Vav family of Rho guanine nucleotide exchange factors (GEFs) orchestrate signaling events following lymphocyte antigen receptor activation. Vav3, like Vav (also known as Vav1 or p95Vav), undergoes tyrosine phosphorylation downstream of T cell receptor cross-linkage, and subsequently interacts with 2 adaptor molecules, SLP76 and 3BP2. Following these events, however, the paths of Vav and Vav3 diverge, Vav affects IL-2 promotor activity, while Vav3 impacts gene transcription linked to serum response element (SRE). Furthermore, Vav3 expression follows a cell cycle-dependent pattern, with transient upregulation occuring during mitosis. Encforced Vav3 expression leads to the appearance of multinucleate cells, implicating a role for Vav3 in the control of cytokinesis.
Gene ID:	10451
Pathways:	Fc-epsilon Receptor Signaling Pathway, Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

