

Datasheet for ABIN1531758
anti-VAV2 antibody (pTyr142)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	VAV2
Binding Specificity:	AA 108-157, pTyr142
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human VAV2 around the phosphorylation site of Tyr142.
Isotype:	IgG
Specificity:	VAV2 (Phospho-Tyr142) Antibody detects endogenous levels of VAV2 only when phosphorylated at Tyr142. PhosphorylationH:Y142 M:Y142
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

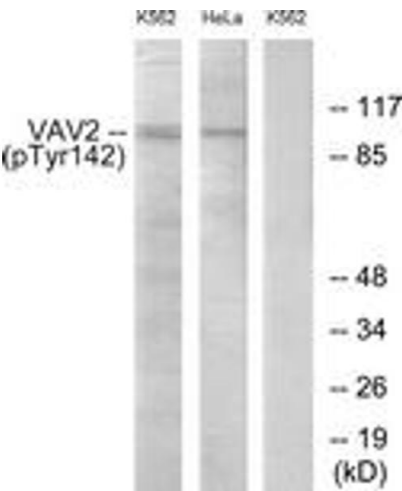
Target:	VAV2
Alternative Name:	VAV2 (VAV2 Products)
Background:	Synonyms: Vav-2 protein, Guanine nucleotide exchange factor VAV2, VAV-2 NCBI Gene Symbol: VAV2
Molecular Weight:	101 kDa
Gene ID:	7410
OMIM:	600428
UniProt:	P52735
Pathways:	Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.369921, Hs.689325 (NCBI Gene Symbol: VAV2)
Restrictions:	For Research Use only

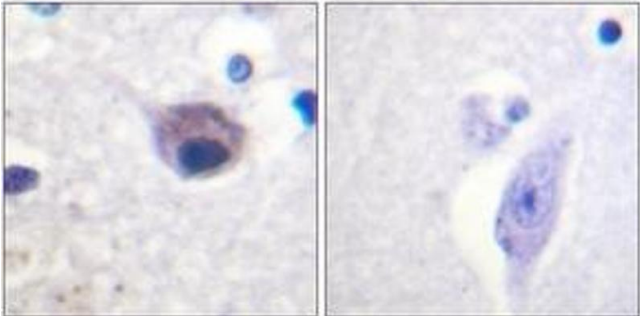
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



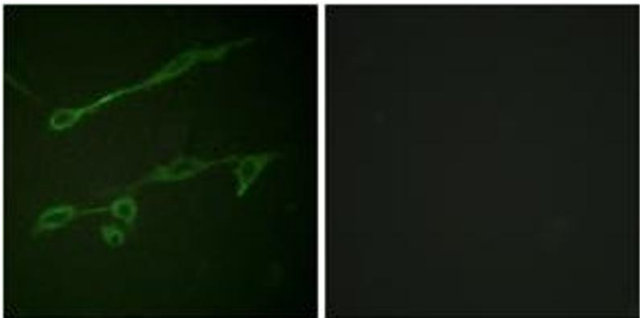
Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells and K562 cells treated with TNF 20ng/ml 30', using VAV2 (Phospho-Tyr142) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using VAV2 (Phospho-Tyr142) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH-3T3 cells, using VAV2 (Phospho-Tyr142) Antibody. The picture on the right is treated with the synthesized peptide.