

Datasheet for ABIN306672
anti-VAV2 antibody (AA 612-691)[Go to Product page](#)

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Overview

Quantity:	250 µg
Target:	VAV2
Binding Specificity:	AA 612-691
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to the amino acid 612-691 of the C terminus region and having a molecular weight of 90 kD
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	VAV-2, Guanine nucleotide exchange factor VAV-2, Src homology 2 and 3 (SH2 & SH3) domains, The immunogen used for the anti-mouse pic region was a GST fusion protein corresponding to the amino acid 612-691 of the C terminus region and having a molecular weight of 90 kD. Familial juvenile nephronophthisis (NPH) is an autosomal recessive cystic kidney disease that is the primary inherited cause of chronic renal failure in children.
Purification:	Ammonium Sulfate Precipitation

Target Details

Target:	VAV2
Alternative Name:	Vav-2 SHD (VAV2 Products)
Pathways:	Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway

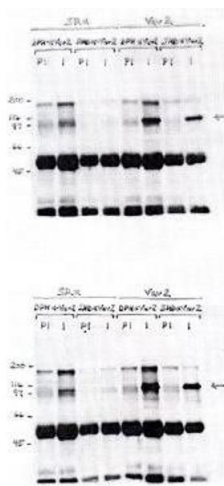
Application Details

Application Notes:	Applications: Western Blot 2-10 µg/mL and for Immunoprecipitation 10-20 µg/mL.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
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:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

Images



Western Blotting

Image 1. HEK293 cells were transfected with either empty expression vector (pSRα) or pSRα- Vav2 driving expression of human Vav2. Indicated antibodies (SHD or DPH) were used to immunoprecipitate Vav2 from 300µg protein lysates. Immunoprecipitated activity was identified by immunoblot of complexes using either DPH (upper gel) or SHD (lower gel) antisera at (1:10000). Immunoprecipitation of Endogenous/Exogenous Vav2 from HEK 283 (75 µg lysate per lane). Top gel - i.p. Ab: DPH or SHD preimmune serum (2.5 µl/300 µg lysate). DPH or SHD alpha Vav2 antiserum (2.5 µl/300 µg lysate). Western Blot Ab: DPH anti Vav2 1:10000. Bottom Gel - i.p. Ab DPH or SHD preimmune sera (2.5 µl/300 µg lysate). DPH or SHD anti Vav2