



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Vav-2 DPH. Sheep Polyclonal Antibody

BACKGROUND

The immunogen used for the anti-human Vav-2 DPH region was a his tagged fusion protein Vav-2 corresponding to amino acid sequence 287-578 and having a molecular weight of 100kD. Vav-2 has a molecular weight of 100 kD and shares over a 50% homology at the amino acid and nucleic acid level with Vav. Vav-2 is a ubiquitously expressed structural homolog of the Vav protooncogene that is expressed preferentially in hematopoietic cells. Both proteins are comprised of a Dbl- homology ((DH) domain with guanosine nucleotide exchange (GEF) activity exclusively directed towards Rho/Rac GTPases, a pleckstrin homology (PH) domain, a calponin-homology (CH) region, an acidic domain (AD) a zinc finger butterfly motif, two SH3 regions and one SH2 domain. GEF activity of RhoA family G proteins is induced by tyrosine phosphorylation in wild type vav-2, and is constitutively activated in N terminus deleted oncogene forms. Constitutive expression of a Vav-2 oncoprotein may result in morphological alterations including highly enlarged cells in which karyokinesis and cytokinesis frequently are uncoupled.

IMMUNOGEN

A his tagged fusion protein Vav-2 corresponding to amino acid sequence 287-578 and having a molecular weight of 100kD

ORDERING INFORMATION

CATALOG NUMBER

S120P

SIZE

250 µg

FORM

Unconjugated

HOST/CLONE

Sheep

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, Immunoprecipitation

SPECIES REACTIVITY

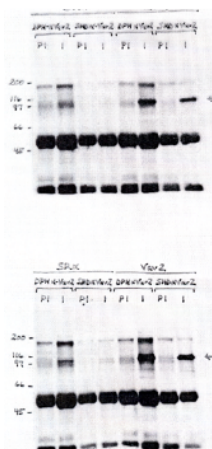
Human

ACCESSION NUMBER

P52735 , Human

Legend: HEK293 cells were transfected with either empty expression vector (pSR_α) or pSR_α-Vav2 driving expression of human Vav2. Indicated antibodies (SHD or DPH) were used to immunoprecipitate Vav2 from 300ug 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 ug lysate per lane). Top gel - i.p. Ab: DPH or SHD preimmune serum (2.5 ul/300ug lysate). DPH or SHD alpha Vav2 antiserum (2.5 ul/300ug lysate). Western Blot Ab: DPH anti Vav2 1:10000. Bottom Gel - i.p. Ab DPH or SHD preimmune sera (2.5 ul/300ug lysate). DPH or SHD anti Vav2 antisera (2.5ul/300ug lysate). Western blot Ab - SHD



POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Applications: Western Blot 1:5,000. Immunoprecipitation -Empirical

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Room Temperature

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Antibodies are stable for one year from purchase if stored frozen

REFERENCES