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Datasheet for ABIN2180082
anti-Vinexin antibody (AA 401-500) (HRP)

Overview

Quantity:	100 µL
Target:	Vinexin (Sorbs3)
Binding Specificity:	AA 401-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vinexin antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Vinexin
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	Vinexin (Sorbs3)
Alternative Name:	Vinexin (Sorbs3 Products)
Background:	Synonyms: SCAM 1, SCAM1, SH3 containing adapter molecule 1, SH3 domain containing

Target Details

adapter molecule 1, SH3D4, Sorbin and SH3 domain containing 3, Sorbin and SH3 domain containing protein 3, Sorbs3, Vinexin alpha, Vinexin, Vinexin beta (SH3 containing adaptor molecule 1).

Background: Vinexin is a 671 amino acid protein that is expressed as two isoforms, designated Vinexin alpha and Vinexin beta. Localized to cell junctions in both the cytoplasm and the cytoskeleton, Vinexin alpha functions to promote Actin stress fiber formation, playing an important role in modification of the Actin cytoskeleton. Like Vinexin alpha, Vinexin beta is localized to cell junctions in the cytoplasm, but is also found in the nucleus where it plays an important role in cell spreading and in activation of the JNK pathway in response to EGF stimulation. Although Vinexin alpha and Vinexin beta have different roles within the cell, both proteins contain three SH3 domains in their carboxy terminus and are expressed in a variety of tissues, including placenta, heart, liver, brain, pancreas and skeletal muscle. Together, Vinexin alpha and Vinexin beta are involved in cell-cell adhesion, signal transduction and cytoskeletal organization throughout the cell.

Pathways: [MAPK Signaling](#)

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months