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Datasheet for ABIN2180071 anti-Vinexin antibody (AA 401-500)

Overview

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

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)

Target Details

Background:	<p>Synonyms: SCAM 1, SCAM1, SH3 containing adapter molecule 1, SH3 domain containing 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).</p> <p>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.</p>
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Pathways:	MAPK Signaling
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Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months