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Datasheet for ABIN1387818
anti-DOCK3 antibody (AA 1001-1100)

Overview

Quantity:	100 µL
Target:	DOCK3
Binding Specificity:	AA 1001-1100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOCK3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DOCK3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DOCK3
Alternative Name:	DOCK3 (DOCK3 Products)

Target Details

Background:	<p>Synonyms: Dedicator of cytokinesis protein 3, DOCK 3, MOCA, Modier of cell adhesion, Presenilin binding protein, DOCK3_HUMAN.</p> <p>Background: MOCA (modifier of cell adhesion), also known as Presenilin-binding protein (PBP) or dedicator of cytokinesis protein 3 (DOCK3), is a 2030 amino acid cytoplasmic protein belonging to the DOCK family. MOCA interacts with Presenilin proteins and has the ability to stimulate Tau phosphorylation suggesting that MOCA may be involved in Alzheimer disease. MOCA is also thought to be a guanine nucleotide exchange factor (GEF) which activates small GTPases by exchanging bound GDP for free GTP. Analysis of ectopic expression suggests that MOCA may affect the function of small GTPases involved in the regulation of Actin cytoskeleton or cell adhesion receptors. MOCA is localized to the neuropil, and sometimes in pyramidal cells, in normal brains, while in Alzheimer disease brains, MOCA is present in neurofibrillary tangles.</p>
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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
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

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months