

Rabbit anti-Human DOCK3 Polyclonal Antibody | anti-DOCK3 antibody

DOCK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231016	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

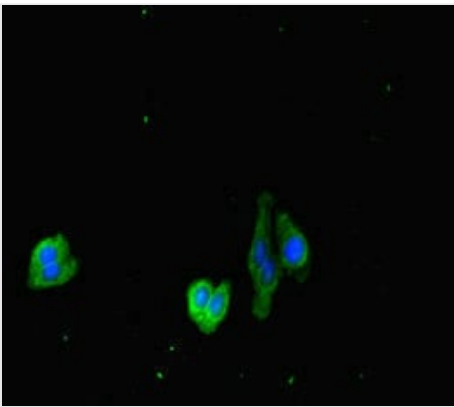
PRODUCT SYNONYMS

DOCK3; Polyclonal Antibody; DOCK3 Antibody; Dedicator of cytokinesis protein 3; Modifier of cell adhesion; Presenilin-binding protein; PBP; KIAA0299; MOCA; anti-DOCK3 antibody

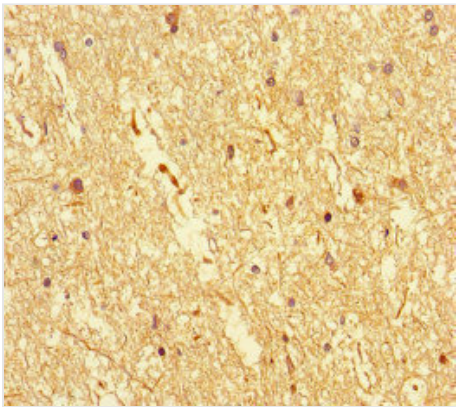
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	2030
Applicable Applications for anti-DOCK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Dedicator of cytokinesis protein 3 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-70182 / sc-70184 / sc-70185 / sc-135232
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA231016 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA231016 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-DOCK3 antibody	Potential guanine nucleotide exchange factor (GEF). GEF proteins activate some small GTPases by exchanging bound GDP for free GTP. Its interaction with presenilin proteins as well as its ability to stimulate Tau/MAPT phosphorylation suggest that it may be involved in Alzheimer disease. Ectopic expression in nerve cells decreases the secretion of beta-amyloid APBA1 protein and lowers the rate of cell-substratum adhesion, suggesting that it may affect the function of some small GTPase involved in the regulation of actin cytoskeleton or cell adhesion receptors (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31415870
NCBI GeneID	1795
NCBI Accession #	NP_004938.1
NCBI GenBank Nucleotide #	NM_004947.4
UniProt Accession #	Q8IZD9; O15017
Molecular Weight	233,103 Da
NCBI Official Full Name	dedicator of cytokinesis protein 3
NCBI Official Synonym Full Names	dedicator of cytokinesis 3
NCBI Official Symbol	DOCK3
NCBI Official Synonym Symbols	PBP; MOCA
NCBI Protein Information	dedicator of cytokinesis protein 3
UniProt Protein Name	Dedicator of cytokinesis protein 3
UniProt Gene Name	DOCK3
UniProt Synonym Gene Names	KIAA0299; MOCA; PBP
UniProt Entry Name	DOCK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.