

Rabbit anti-Human DOCK1 Polyclonal Antibody | anti-DOCK1 antibody

DOCK1 Antibody

CATALOG # AAA233892	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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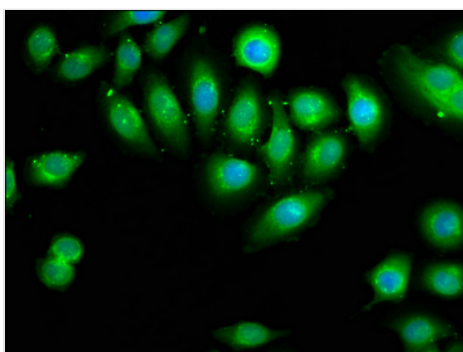
PRODUCT SYNONYMS

DOCK1; Polyclonal Antibody; DOCK1 Antibody; Dedicator of cytokinesis protein 1; 180 kDa protein downstream of CRK; DOCK180; anti-DOCK1 antibody

PRODUCT SPECIFICATIONS

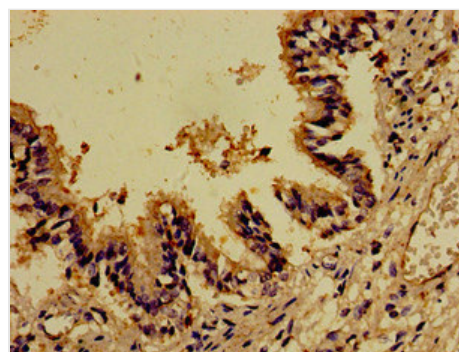
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1865
Applicable Applications for anti-DOCK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Dedicator of cytokinesis protein 1 protein (1676-1865AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA233892 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA233892 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-DOCK1 antibody	Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Along with DOCK1, mediates CRK/CRKL regulation of epithelial and endothelial cell spreading and migration on type IV collagen (PubMed:19004829). Functions as a guanine nucleotide exchange factor (GEF), which activates Rac Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1 (PubMed:8657152).
Product Categories/Family for anti-DOCK1 antibody	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503355
NCBI GeneID	1793
NCBI Accession #	NP_001371.1
NCBI GenBank Nucleotide #	NM_001380.4
UniProt Accession #	Q14185; A9Z1Z5
Molecular Weight	215,346 Da
NCBI Official Full Name	dedicator of cytokinesis protein 1 isoform 2
NCBI Official Synonym Full Names	dedicator of cytokinesis 1
NCBI Official Symbol	DOCK1
NCBI Official Synonym Symbols	ced5; DOCK180
NCBI Protein Information	dedicator of cytokinesis protein 1
UniProt Protein Name	Dedicator of cytokinesis protein 1
UniProt Gene Name	DOCK1
UniProt Synonym Gene Names	DOCK180

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/dock1-antibody-immunofluorescence-immunohistochemistry-elisa/233892>