

Rabbit anti-Human Diaphanous 1 Polyclonal Antibody | anti-DIAPH1 antibody

Rabbit anti-Diaphanous 1 Antibody, Affinity Purified

CATALOG # AAA210750	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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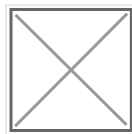
PRODUCT SYNONYMS

Diaphanous 1; Polyclonal Antibody; Rabbit anti-Diaphanous 1 Antibody; Affinity Purified; hDIA1; SCBMS; LFHL1; Diaphanous-related formin-1; DIA1; DFNA1; DRF1; protein diaphanous homolog 1; Protein diaphanous homolog 1; diaphanous related formin 1; anti-DIAPH1 antibody

PRODUCT SPECIFICATIONS

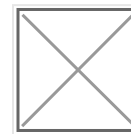
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DIAPH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 1222 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Diaphanous 1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Diaphanous 1 antibody AAA210750 (lot AAA210750-1) used for WB at 0.66 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



WB (Western Blot)

Detection of human Diaphanous 1 by western blot. Samples: Whole cell lysate (50 ug/lane) from untreated or siRNA treated HEK293T cells. Antibody: Affinity purified rabbit anti-Diaphanous 1 antibody AAA210750 used at 0.1 ug/ml. Detection: Chemiluminescence with 10 second exposure.



IHC (Immunohistochemistry)

Detection of human Diaphanous by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Diaphanous (Cat. No. AAA210750) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DIAPH1 antibody	Diaphanous 1 is a member of the formin family of proteins that is responsible for actin polymerization and nucleation activity and the formation of linear, unbranched actin cables and stress fibers. Diaphanous 1 is a target of the small GTPase, Rho, and couples Rho and Src tyrosine kinase during signaling and the regulation of actin dynamics. Diaphanous 1 has been linked to heritable nonsyndromic progressive hearing loss.
Product Categories/Family for anti-DIAPH1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395758
NCBI GeneID	1729
NCBI Accession #	NP_005210.3; NP_001073280.1
NCBI GenBank Nucleotide #	NM_005219.4
UniProt Accession #	O60610; Q17RN4; Q59FH8; Q9UC76; A6NF18; B7ZKW2; E9PEZ2
Molecular Weight	140,289 Da
NCBI Official Full Name	protein diaphanous homolog 1 isoform 1
NCBI Official Synonym Full Names	diaphanous related formin 1
NCBI Official Symbol	DIAPH1
NCBI Official Synonym Symbols	DIA1; DRF1; DFNA1; LFHL1; SCBMS; hDIA1
NCBI Protein Information	protein diaphanous homolog 1
UniProt Protein Name	Protein diaphanous homolog 1
UniProt Gene Name	DIAPH1
UniProt Synonym Gene Names	DIAP1; DRF1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/diaphanous-1-antibody-immunohistochemistry-western-blot-elisa/210750>