

Rabbit anti-Human Dia 1 Polyclonal Antibody | anti-Dia 1 antibody

Dia 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303115	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Dia 1; Polyclonal Antibody; Dia 1 antibody; DF1; DRF1; LFHL1; hDIA1; anti-Dia 1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	1272
Applicable Applications for anti-Dia 1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 207 of Dia 1
Target Name	Dia 1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using DIAPH1 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded gastric tissue, using DIAPH1 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 B: Raji 7.5% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-Dia 1 antibody	This gene is a homolog of the Drosophila diaphanous gene, and has been linked to autosomal dominant, fully penetrant, nonsyndromic sensorineural progressive low-frequency hearing loss. Actin polymerization involves proteins known to interact with diaphanous protein in Drosophila and mouse. It has therefore been speculated that this gene may have a role in the regulation of actin polymerization in hair cells of the inner ear. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
Product Categories/Family for anti-Dia 1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395758
NCBI GeneID	1729
NCBI Accession #	NP_005210
NCBI GenBank Nucleotide #	NM_005219.4
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; 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
UniProt Entry Name	DIAP1_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.