

Rabbit anti-Human DIAPH2 Polyclonal Antibody | anti-DIAPH2 antibody

DIAPH2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287774	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DIAPH2; Polyclonal Antibody; DIAPH2 Antibody (Center); Protein diaphanous homolog 2; Diaphanous-related formin-2; DRF2; DIA; anti-DIAPH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DIAPH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 870-899 amino acids from the Central region of human DIAPH2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	870-899
Sequence Length	1,097
Applicable Applications for anti-DIAPH2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

DIAPH2 Antibody (Center) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human testis tissue reacted with DIAPH2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of DIAPH2 Antibody (Center) in 293, MDA-MB435 cell line lysates (35ug/lane). DIAPH2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DIAPH2 antibody	DIAPH2 belongs to the diaphanous subfamily of the formin homology family of proteins. This gene may play a role in the development and normal function of the ovaries. Defects in this protein have been linked to premature ovarian failure 2.
Product Categories/Family for anti-DIAPH2 antibody	Signal Transduction
References	Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Yasuda, S., et al. Nature 428(6984):767-771(2004) Gasman, S., et al. Nat. Cell Biol. 5(3):195-204(2003) Sato, S., et al. J. Biol. Chem. 276(42):39290-39294(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803003
NCBI GeneID	1730
NCBI Accession #	NP_006720.1; NP_009293.1
NCBI GenBank Nucleotide #	NM_006729.4
UniProt Accession #	O60879; O60878; Q8WX06; Q8WX48; Q9UJL2; A6NG19
Molecular Weight	125569
NCBI Official Full Name	protein diaphanous homolog 2 isoform 156
NCBI Official Synonym Full Names	diaphanous-related formin 2
NCBI Official Symbol	DIAPH2
NCBI Official Synonym Symbols	DIA; POF; DIA2; DRF2; POF2
NCBI Protein Information	protein diaphanous homolog 2
UniProt Protein Name	Protein diaphanous homolog 2
UniProt Gene Name	DIAPH2
UniProt Synonym Gene Names	DIA; DRF2
UniProt Entry Name	DIAP2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/diaph2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287774>