

ARG58499 anti-DIAPH2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DIAPH2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DIAPH2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-120 of Human DIAPH2 (NP_009293.1).
Conjugation	Un-conjugated
Alternate Names	Diaphanous-related formin-2; DRF2; Protein diaphanous homolog 2; POF2; DIA; POF; DIA2

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:1000 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:1000 - 1:2000
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WB	1:1000 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	H460				
Observed Size	135 kDa				

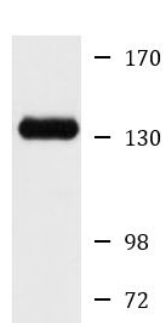
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DIAPH2
Gene Full Name	diaphanous-related formin 2
Background	The product of this gene 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 gene have been linked to premature ovarian failure 2. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Function	Could be involved in oogenesis. Involved in the regulation of endosome dynamics. Implicated in a novel signal transduction pathway, in which isoform 3 and CSK are sequentially activated by RHOD to regulate the motility of early endosomes through interactions with the actin cytoskeleton. [UniProt]
Calculated Mw	126 kDa
Cellular Localization	Cytoplasm, cytosol, Early endosome. [UniProt]

Images



ARG58499 anti-DIAPH2 antibody WB image

Western blot: 25 µg of H460 cell lysate stained with ARG58499 anti-DIAPH2 antibody at 1:1000 dilution.