

Product Datasheet

DIAPH1 Antibody - BSA Free NB600-231

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 2

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NB600-231

DIAPH1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

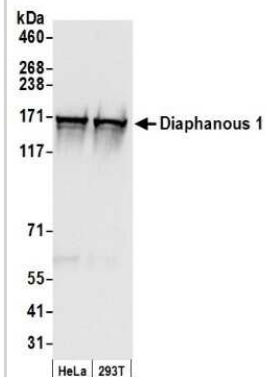
Product Description	
Description	Novus Biologicals Rabbit DIAPH1 Antibody - BSA Free (NB600-231) is a polyclonal antibody validated for use in IHC and WB. Anti-DIAPH1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1729
Gene Symbol	DIAPH1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1200 and the C-terminus (residue 1248) of human Diaphanous Homolog 1 using the numbering given in entry NP_005210.1 (GeneID 1729).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1:5000-1:15000, Immunohistochemistry 1:1000-1:5000, Immunohistochemistry-Paraffin 1:1000-1:5000, Knockdown Validated
Application Notes	By Western Blot this antibody recognizes a band at ~205 kDa, representing Diaphanous 1. Epitope Retrieval is not recommended.

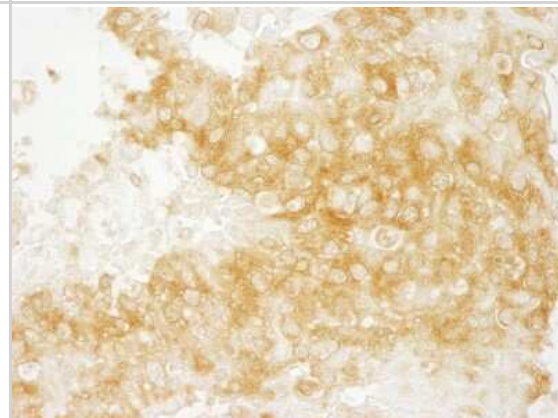


Images

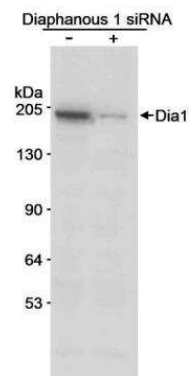
Western Blot: DIAPH1 Antibody [NB600-231] - Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Diaphanous 1 antibody used for WB at 0.66 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



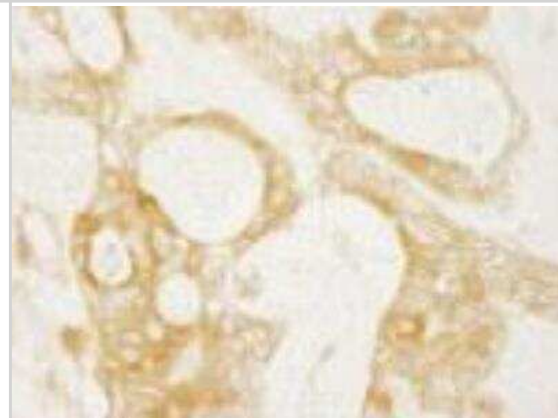
Immunohistochemistry: DIAPH1 Antibody [NB600-231] - Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Diaphanous used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Western Blot: DIAPH1 Antibody [NB600-231] - Whole cell lysate (50 ug/lane) from untreated or siRNA treated 293T cells. Antibody used at 0.1 ug/ml.



Immunohistochemistry-Paraffin: DIAPH1 Antibody [NB600-231] - FFPE section of human ovarian carcinoma. Affinity purified rabbit anti-Diaphanous1 used at a dilution of 1:100.



Publications

Lartey J, Smith M, Pawade J et al. Up-regulation of myometrial RHO effector proteins (PKN1 and DIAPH1) and CPI-17 (PPP1R14A) phosphorylation in human pregnancy is associated with increased GTP-RHOA in spontaneous preterm labor. Biol Reprod 2007-06-01 [PMID: 17301291]

Jewett TJ, Fischer ER, Mead DJ et al. Chlamydial TARP is a bacterial nucleator of actin. Proc Natl Acad Sci U S A 2006-10-01 [PMID: 17028176]





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Products Related to NB600-231

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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