

Product Datasheet

Vang-like Protein 1/VANGL1 Antibody - BSA Free NBP1-86990

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

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NBP1-86990**Vang-like Protein 1/VANGL1 Antibody - BSA Free**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

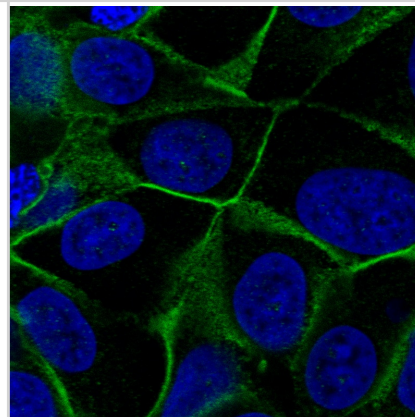
Product Description	
Description	Novus Biologicals Rabbit Vang-like Protein 1/VANGL1 Antibody - BSA Free (NBP1-86990) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Vang-like Protein 1/VANGL1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81839
Gene Symbol	VANGL1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 25837385).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DTESTYSGYSYYSSHSKSHRQGERTRERHKSPRNKDGRGSEKSVTIQPPTG EPLLGNDSTRTEEVQDDNWGETTTAITGTSEHSISQEDIARISKDMEDSVGLDC KRY

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Knockdown Validated
Application Notes	ICC/IF Fixation/Permeabilization: PFA/Triton X-100

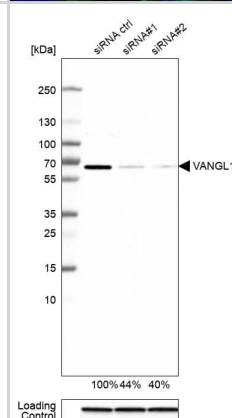


Images

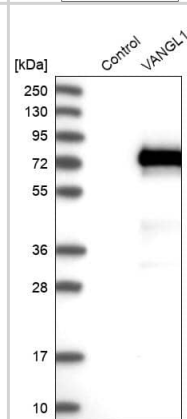
Staining of MCF7 cells shows localization to plasma membrane.



Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-VANGL1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in control (vector only transfected HEK293T lysate) and VANGL1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Xie Z, Bankaitis VA Phosphatidylinositol transfer protein/planar cell polarity axis regulates neocortical morphogenesis by supporting interkinetic nuclear migration *Cell reports* 2022-05-31 [PMID: 35649377] (ICC/IF, Mouse)

Vladar EK, Lee YL, Stearns T et al. Observing planar cell polarity in multiciliated mouse airway epithelial cells. *Methods Cell Biol* 2015-01-01 [PMID: 25837385] (ICC/IF, Mouse)

Gegg M, Bottcher A, Burtscher I et al. Flattop regulates basal body docking and positioning in mono- and multiciliated cells. *eLife* 2014-10-08 [PMID: 25296022] (ICC/IF, Mouse)

Copley CO, Duncan JS, Liu C et al. Postnatal Refinement of Auditory Hair Cell Planar Polarity Deficits Occurs in the Absence of Vangl2. *J Neurosci* 2013-08-28 [PMID: 23986237]

Dai D, Li L, Huebner A et al. Planar cell polarity effector gene *Intu* regulates cell fate-specific differentiation of keratinocytes through the primary cilia. *Cell Death Differ* 2013-01-01 [PMID: 22935613]



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Products Related to NBP1-86990

NBP1-86990PEP	Vang-like Protein 1/VANGL1 Recombinant Protein Antigen
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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