

Rabbit anti-Human VANGL2 Polyclonal Antibody | anti-VANGL2 antibody

VANGL2 Antibody

CATALOG # AAA231240	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

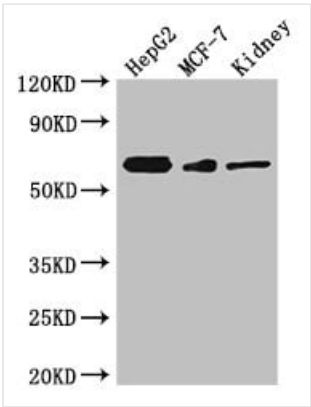
PRODUCT SYNONYMS

VANGL2; Polyclonal Antibody; VANGL2 Antibody; Vang-like protein 2; Loop-tail protein 1 homolog; Strabismus 1; Van Gogh-like protein 2; KIAA1215; STB1; anti-VANGL2 antibody

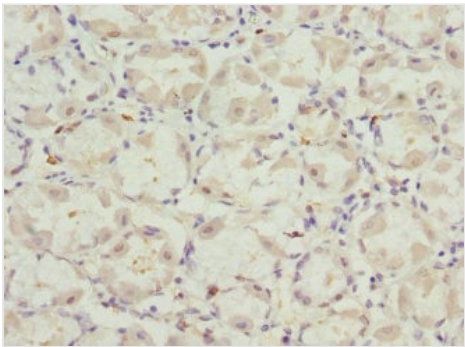
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	521
Applicable Applications for anti-VANGL2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Vang-like protein 2 protein (N-110AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46561 / sc-46560 / sc-67136
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

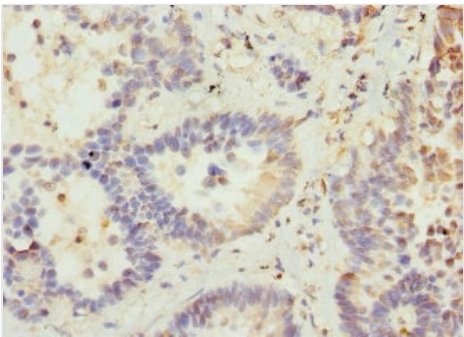
IMAGES



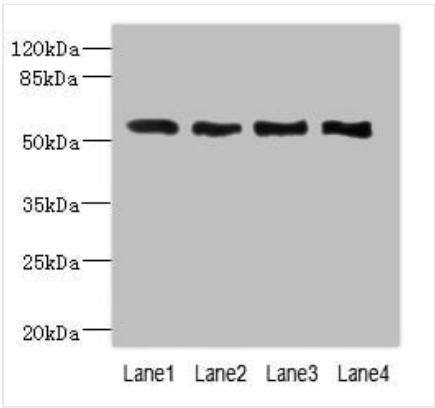
WB (Western Blot)
Western BlotPositive WB detected in:HepG2 whole cell lysate,MCF-7 whole cell lysate,Mouse kidney tissueAll lanes: Vangl2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 60 kDaObserved band size: 60 kDa



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human gastric cancer using AAA231240 at dilution 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA231240 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: VANGL2 antibody at 2.26ug/mlLane 1: HepG-2 whole cell lysateLane 2: MCF7 whole cell lysateLane 3: Hela whole cell lysateLane 4: NIH/3T3 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 60 kDaObserved band size: 60 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-VANGL2 antibody	Involved in the control of early morphogenesis and patterning of both axial midline structures and the development of neural plate. Plays a role in the regulation of planar cell polarity, particularly in the orientation of stereociliary bundles in the cochlea. Required for polarization and movement of myocardializing cells in the outflow tract and seems to act via RHOA signaling to regulate this process. Required for cell surface localization of FZD3 and FZD6 in the inner ear (By similarity).
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	62955805
NCBI GeneID	57216
NCBI Accession #	NP_065068.1
NCBI GenBank Nucleotide #	NM_020335.2
UniProt Accession #	Q9ULK5; Q5T212; D3DVE9
Molecular Weight	59,714 Da
NCBI Official Full Name	vang-like protein 2

NCBI Official Synonym Full Names	VANGL planar cell polarity protein 2
NCBI Official Symbol	VANGL2
NCBI Official Synonym Symbols	LPP1; LTAP; STB1; STBM; STBM1
NCBI Protein Information	vang-like protein 2
UniProt Protein Name	Vang-like protein 2
UniProt Gene Name	VANGL2
UniProt Synonym Gene Names	KIAA1215; STB1
UniProt Entry Name	VANG2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/vangl2-antibody-immunohistochemistry-western-blot-elisa/231240>