VANGL2 Antibody

Catalog No: #37300

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

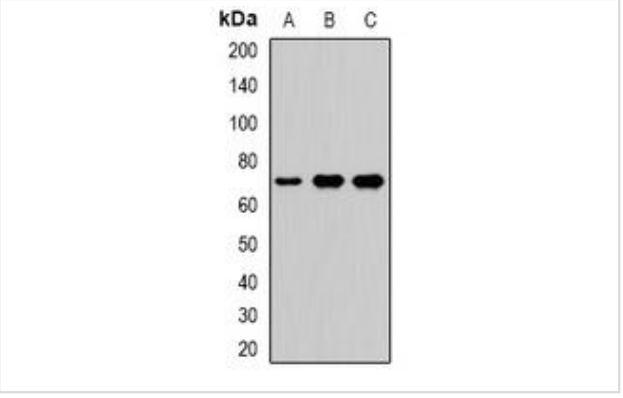
Product Name	VANGL2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total VANGL2 protein.
Immunogen Type	Peptide
Immunogen Description	Recombinant protein of human Vang-like 2
Target Name	VANGL2
Other Names	LPP1; LTAP; STB1; STBM; STBM1
Accession No.	Swiss-Prot#: Q9ULK5NCBI Gene ID: 57216Gene Accssion: NP_065068
Uniprot	Q9ULK5
GeneID	57216;
SDS-PAGE MW	70 kD
Concentration	0.5mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20°C

Application Details

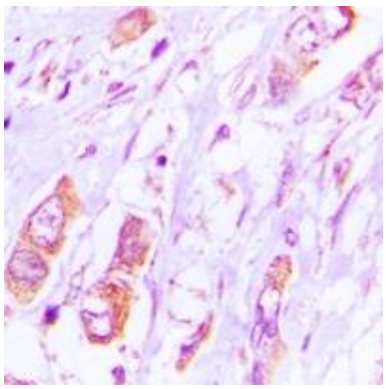
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:15-1:50

Images



Western blot analysis Hela (A), A549 (B), mouse brain (C) whole cell lysates.



Immunohistochemical analysis human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Background

The protein encoded by this gene is a membrane protein involved in the regulation of planar cell polarity, especially in the stereociliary bundles of the cochlea. The encoded protein transmits directional signals to individual cells or groups of cells in epithelial sheets. This protein is also involved in the development of the 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.

Note: This product is for in vitro research use only