VANGL2 Antibody

Catalog No: #37300

Description

Applications



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

Product Name	VANGL2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.

Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total VANGL2 protein.

WB IHC

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

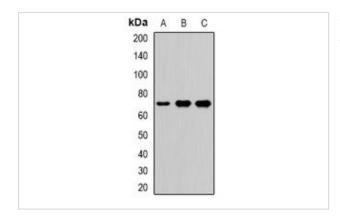
azide.

Storage Store at -20°C

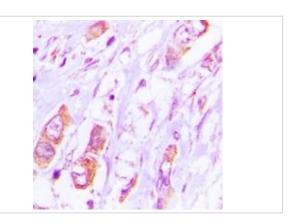
Application Details

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