CELSR2 Antibody

Catalog No: #37302

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

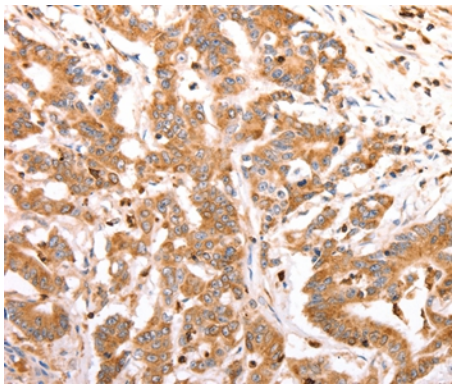
Description

Product Name	CELSR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total CELSR2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human cadherin, EGF LAG seven-pass G-type receptor 2
Target Name	CELSR2
Other Names	EGFL2; MEGF3; CDHF10; Flamingo1
Accession No.	Swiss-Prot#: Q9HCU4NCBI Gene ID: 1952Gene Accssion: NP_001399
Uniprot	Q9HCU4
GeneID	1952;
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

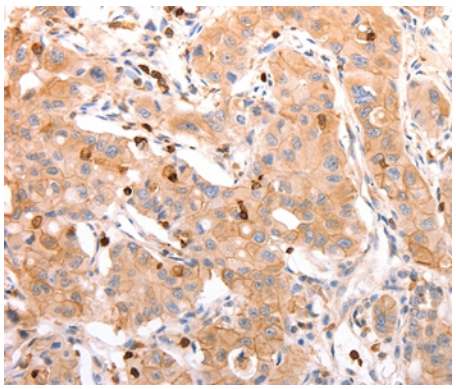
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37302 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #37302 at dilution 1/20.

Background

The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. The specific function of this particular member has not been determined.

Note: This product is for in vitro research use only