CLSTN1 Rabbit mAb

Catalog No: #52741

Package Size: #52741-1 50ul #52741-2 100ul

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

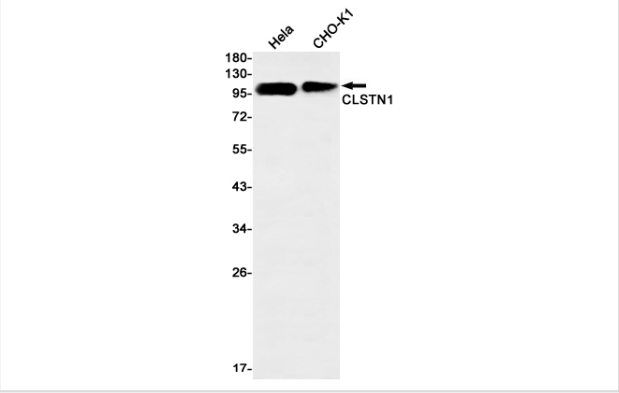
Description

Product Name	CLSTN1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-8H2
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse
Immunogen Description	A synthetic peptide of human CLSTN1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CST-1; CSTN1; CDHR12; PIK3CD; ALC-ALPHA; XB31alpha; alcalpha1; alcalpha2
Accession No.	Swiss-Prot:O94985GeneID:22883
Uniprot	O94985
GeneID	22883
Calculated MW	Calculated MW:110 kDa,Observed MW:115 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

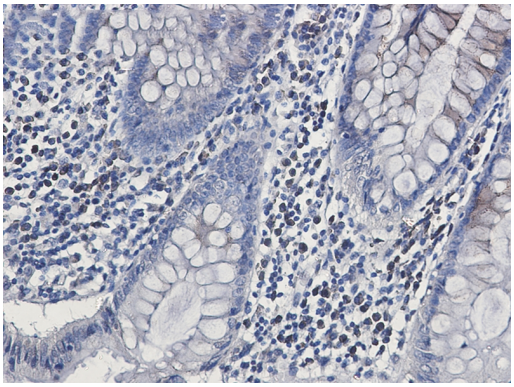
Application Details

WB: 1/1000 IHC: 1/50

Images



Western blot detection of CLSTN1 in Hela,CHO-K1 cell lysates using CLSTN1 Rabbit mAb(1:1000 diluted).Predicted band size:110kDa.Observed band size:110kDa.



Immunohistochemistry of CLSTN1 in paraffin-embedded Human colon cancer tissue using CLSTN1 Rabbit mAb at dilution 1/50

Background

Induces KLC1 association with vesicles and functions as a cargo in axonal anterograde transport. Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation. In complex with APBA2 and C99, a C-terminal APP fragment, abolishes C99 interaction with PSEN1 and thus APP C99 cleavage by gamma-secretase, most probably through stabilization of the direct interaction between APBA2 and APP. The intracellular fragment AlcICD suppresses APBB1-dependent transactivation stimulated by APP C-terminal intracellular fragment (AICD), most probably by competing with AICD for APBB1-binding. May modulate calcium-mediated postsynaptic signals (By similarity).

Note: This product is for in vitro research use only