Rabbit CLSTN1 Monoclonal Antibody | anti-CLSTN1 antibody

Recombinant CLSTN1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178840	**Rabbit**	**Human, Mouse, Hamster**	**Immunohistochemistry, Western Blot**

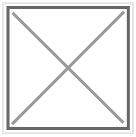
PRODUCT SYNONYMS

CLSTN1; Monoclonal Antibody; Recombinant CLSTN1 Monoclonal Antibody; CST-1; CSTN1; CDHR12; PIK3CD; ALC-ALPHA; XB31alpha; alcalpha1; alcalpha2; anti-CLSTN1 antibody

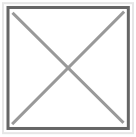
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	R07-8H2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-CLSTN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CLSTN1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of CLSTN1 in paraffin-embedded Human colon cancer tissue using CLSTN1 Rabbit mAb at dilution 1:50



WB (Western Blot)
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.

ADDITIONAL INFORMATION

Related Product Information for anti-CLSTN1 antibody	Calsyntenins (calsyntenin-1, -2, -3) compose a family of neuronally expressed proteins that belong to the cadherin superfamily of cell adhesion molecules (PMID: 24966372; 12498782). Calsyntenin-1 (CLSTN1) is proteolytically processed postsynaptic membrane protein with a cytoplasmic calcium-binding domain. By binding Ca2+, calsyntenin-1 may modulate Ca2+-mediated postsynaptic signals (PMID: 11161476). Calsyntenin-1 is transmembrane cargo-docking protein for Kinesin-1-mediated vesicular transport (PMID: 16760430). It can mediate axonal transport of the amyloid precursor protein and regulate Abeta production
Product Categories/Family for anti-CLSTN1 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	57242757
NCBI GeneID	22883
NCBI Accession #	NP_001009566.1
NCBI GenBank Nucleotide #	NM_001009566.1
UniProt Accession #	O94985; Q5SR52; Q5UE58; Q71MN0; Q8N4K9; A8K183; Q5SR54
Molecular Weight	109,793 Da
NCBI Official Full Name	calsyntenin-1 isoform 1
NCBI Official Synonym Full Names	calsyntenin 1
NCBI Official Symbol	CLSTN1
NCBI Official Synonym Symbols	CSTN1; CDHR12; PIK3CD; FLJ32258; KIAA0911; ALC-ALPHA; XB31alpha; alcalpha1; alcalpha2
NCBI Protein Information	calsyntenin-1; alcadein-alpha; alcadein alpha 1; OTTHUMP00000001597; OTTHUMP00000001598; OTTHUMP00000001599; non-classical cadherin XB31alpha; cadherin-related family member 12; non-classical cadherin XB31alpha1; alzheimer-related cadherin-like protein
UniProt Protein Name	Calsyntenin-1
UniProt Gene Name	**CLSTN1**
UniProt Synonym Gene Names	CS1; KIAA0911
UniProt Entry Name	CSTN1_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/clstn1-antibody-clone-r07-8h2-immunohistochemistry-western-blot-elisa/178840