

anti-Human, Mouse CLSTN1 Monoclonal Antibody | anti-CLSTN1 antibody

CLSTN1 Rabbit mAb

CATALOG # AAA314518	HOST Recombinant Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	S07-8H2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CLSTN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CLSTN1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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

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 AICD 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).

Product Categories/Family for anti-CLSTN1 antibody	Primary Antibody
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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-s07-8h2-immunohistochemistry-western-blot-elisa/314518>