

Rabbit anti-Human, mouse CLSTN2 Polyclonal Antibody | anti-CLSTN2 antibody

CLSTN2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287450	Rabbit	Human, mouse	ELISA, Western Blot

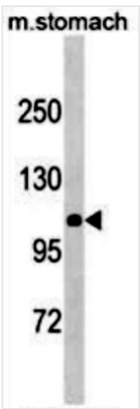
PRODUCT SYNONYMS

CLSTN2; Polyclonal Antibody; CLSTN2 Antibody (Center); Calsyntenin-2; Alcadein-gamma; Alc-gamma; CS2; anti-CLSTN2 antibody

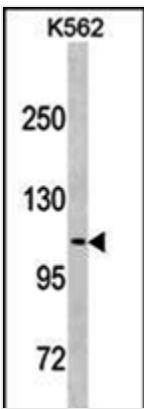
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLSTN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 743-770 amino acids from the Central region of human CLSTN2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	743-770
Sequence Length	955
Applicable Applications for anti-CLSTN2 antibody	ELISA, WB (Western Blot)
Tissue Location	Restricted to the brain.
Cellular Location	Cell membrane{ECO:0000250 UniProtKB:Q9ER65}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:Q9ER65} Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q9ER65}. Golgi apparatus membrane {ECO:0000250 UniProtKB:Q9ER65}. Cell junction, synapse, postsynapse {ECO:0000250 UniProtKB:Q9ER65}. Cell projection, dendrite {ECO:0000250 UniProtKB:Q9ER65}. Note=Most prominent in the postsynaptic specializations of asymmetric (type I) synapses with both axodendritic and axospinous localization {ECO:0000250 UniProtKB:Q9ER65}
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
CLSTN2 Antibody (Center) AAA287450 western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the CLSTN2 antibody detected the CLSTN2 protein (arrow).



WB (Western Blot)
CLSTN2 Antibody (Center) AAA287450 (western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the CLSTN2 antibody detected the CLSTN2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CLSTN2 antibody	CLSTN2 may modulate calcium-mediated postsynaptic signals (By similarity).
Product Categories/Family for anti-CLSTN2 antibody	Neuroscience; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Preuschhof, C., et al. Neuropsychologia 48(2):402-408(2010) Zhang, H., et al. Neuropsychopharmacology 34(12):2508-2516(2009) Henckaerts, L., et al. Clin. Gastroenterol. Hepatol. 7(9):972-980(2009) Jacobsen, L.K., et al. Biol. Psychiatry 65(8):671-679(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209364544
NCBI GeneID	64084
NCBI Accession #	NP_071414.2
NCBI GenBank Nucleotide #	NM_022131.2
UniProt Accession #	Q9H4D0; Q3SX54; Q3ZB76; Q5UE56; Q96HZ2; Q9BSS0; B2RCW5; D3DNF4
Molecular Weight	107006
NCBI Official Full Name	calsyntenin-2
NCBI Official Synonym Full Names	calsyntenin 2
NCBI Official Symbol	CLSTN2
NCBI Official Synonym Symbols	CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma
NCBI Protein Information	calsyntenin-2
UniProt Protein Name	Calsyntenin-2
UniProt Gene Name	CLSTN2
UniProt Synonym Gene Names	CS2; Alc-gamma
UniProt Entry Name	CSTN2_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/polyclonal/clstn2-antibody-western-blot-elisa/287450>