

# Rabbit CLSTN1 Monoclonal Antibody | anti-CLSTN1 antibody

Anti-CLSTN1 Antibody

| CATALOG # | HOST   | REACTIVITY            | APPLICATIONS                                           |
|-----------|--------|-----------------------|--------------------------------------------------------|
| AAA265711 | Rabbit | Human, Mouse, Hamster | Immunofluorescence, Immunohistochemistry, Western Blot |

## PRODUCT SYNONYMS

CLSTN1; Monoclonal Antibody; Anti-CLSTN1 Antibody; anti-CLSTN1 antibody

## PRODUCT SPECIFICATIONS

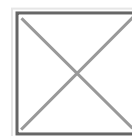
|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human, Mouse, Hamster                                                                                          |
| Clonality                                        | Monoclonal                                                                                                     |
| Specificity                                      | Recognizes endogenous levels of CLSTN1 protein.                                                                |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                      | Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.               |
| Applicable Applications for anti-CLSTN1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                         |
| Immunogen                                        | A synthetic peptide of human CLSTN1                                                                            |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

## IMAGES



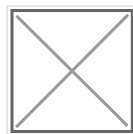
### IF (Immunofluorescence)

Immunofluorescent analysis of CLSTN1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of CLSTN1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.65). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### WB (Western Blot)

Western blot analysis of CLSTN1 expression in mouse brain (A), HeLa (B), CHOK1 (C) whole cell lysates. (Predicted band size: 110 kD; Observed band size: 115 kD)

## ADDITIONAL INFORMATION

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Related Product Information for anti-CLSTN1 antibody | Rabbit monoclonal antibody to CLSTN1 |
|------------------------------------------------------|--------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 57242757                                                                                                                                                                                                                                                     |
| NCBI GeneID                      | 22883                                                                                                                                                                                                                                                        |
| NCBI Accession #                 | NP_001009566.1                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001009566.1                                                                                                                                                                                                                                               |
| UniProt Accession #              | O94985; Q9EPL2; 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                | <b>CLSTN1</b>                                                                                                                                                                                                                                                |
| 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-immunofluorescence-immunohistochemistry-western-blot-elisa/265711>