

Mouse Cingulin Monoclonal Antibody | anti-CGN antibody

Cingulin antibody

CATALOG # AAA74545	HOST Mouse	REACTIVITY Bovine, Frog, Human, Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

Cingulin; Monoclonal Antibody; Cingulin antibody; Monoclonal Cingulin; Anti-Cingulin; anti-CGN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine, Frog, Human, Mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	139.3.4
Purity/Purification	Culture supernatant
Form/Format	Hybridoma culture supernatant.
Concentration	5.0 ml per vial (varies by lot)
Sequence Length	1203
Applicable Applications for anti-CGN antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Cingulin is a protein that in humans is encoded by the CGN gene. Cingulin is specifically localized at tight junctions in epithelial cells, unlike ZO-1, which is also detected at adherens-type junctions in non-epithelial cells. During early Xenopus embryo development, cingulin is detected at a cortical localization, and then accumulates at apical junctions, unlike ZO-1 and other junctional proteins, that are targeted to the new regions of cell-cell contact via the lateral domain.
Cross-Reactivity	Bovine, frog, human, mouse
Immunogen	Cingulin antibody was raised in mouse using a synthetic peptide corresponding to residues 4-24 of cingulin as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CGN antibody	Mouse monoclonal Cingulin antibody
Product Categories/Family for anti-CGN antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	16262452
NCBI GeneID	57530

NCBI Accession #	NP_065821.1
NCBI GenBank Nucleotide #	NM_020770.2
UniProt Accession #	Q9P2M7; Q5T386; Q9NR25; A6H8L3; A7MD22
Molecular Weight	87,047 Da
NCBI Official Full Name	cingulin
NCBI Official Synonym Full Names	cingulin
NCBI Official Symbol	CGN
NCBI Protein Information	cingulin
UniProt Protein Name	Cingulin
UniProt Gene Name	CGN
UniProt Synonym Gene Names	KIAA1319
UniProt Entry Name	CING_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/cingulin-antibody-clone-139-3-4-western-blot-immunohistochemistry-elisa/74545>