

Product datasheet for **AM03215PU-N**

CNTN2 Mouse Monoclonal Antibody [Clone ID: X9A9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	X9A9
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: 1 µg/ml (1/400). <i>Recommended Positive Control:</i> Chicken embryo
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified secreted Axonin-1.
Specificity:	Monoclonal antibody X9A9 (#AM03215PU-N) recognizes Axonin-1 or Contactin-2, an axon-associated cell adhesion molecule that is attached to the neuronal membrane by a GPI-anchor. Tissue Sections: Retina, developing Neurons.
Formulation:	PBS, pH 7.2 containing 5 mg/ml BSA as stabilizer and 0.05% Kathon as preservative. State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore in 0.5 ml water (gives 0.4 mg/ml stock solution).
Concentration:	0.4 mg/ml IgG (after reconstitution)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	contactin 2 (axonal)



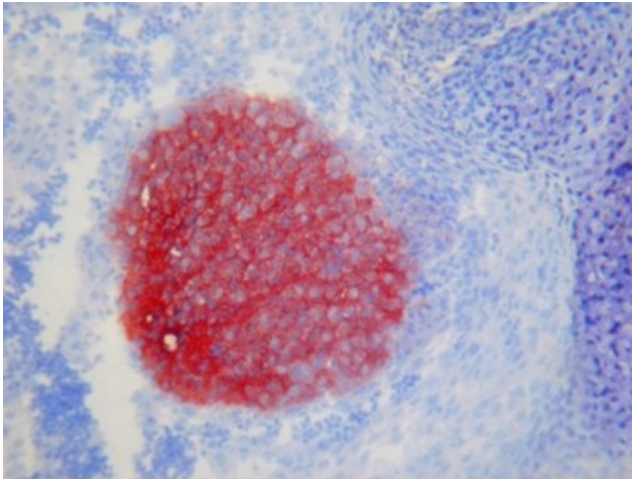
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Database Link: [Entrez Gene 419825 Chicken P28685](#)

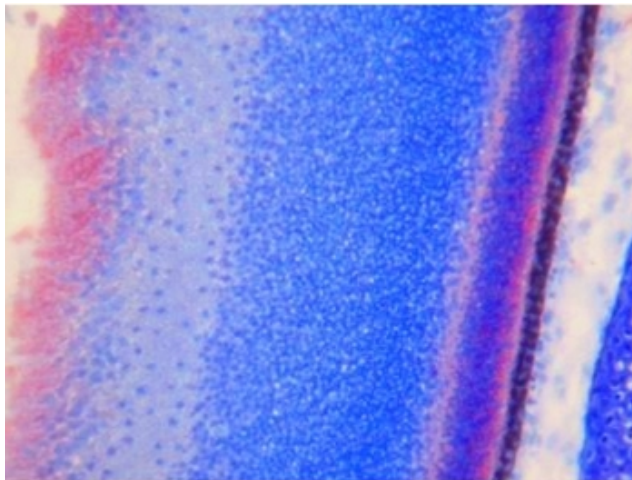
Background: Axonin-1 is a cell adhesion molecule of the immunoglobulin superfamily that was shown to be an axon guidance cue in the central nervous system *in vivo*. Secreted axonin-1, which is structurally highly similar to membrane-bound axonin-1, is not derived from the cell surface but directly from an internal pool. Axonin-1 contains 6 immunoglobulin-like domains and 4 fibronectin type-III domains.

Synonyms: Axonin-1, CNTN2, TAG-1

Product images:



Immunohistochemistry on Frozen Sections, Chicken Embryo Neurons using antibody.



Immunohistochemistry on Frozen Sections, Chicken Embryo Retina using antibody.