

Datasheet for ABIN400637

anti-CNTN2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.2 mg
Target:	CNTN2
Reactivity:	Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CNTN2 antibody is un-conjugated
Application:	Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified secreted Axonin-1.
Clone:	X9A9
Isotype:	IgG2a
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.
Cross-Reactivity (Details):	Species reactivity (tested):Chicken.
Characteristics:	Synonyms: Axonin-1, CNTN2, TAG-1
Purification:	Affinity Chromatography

Target Details

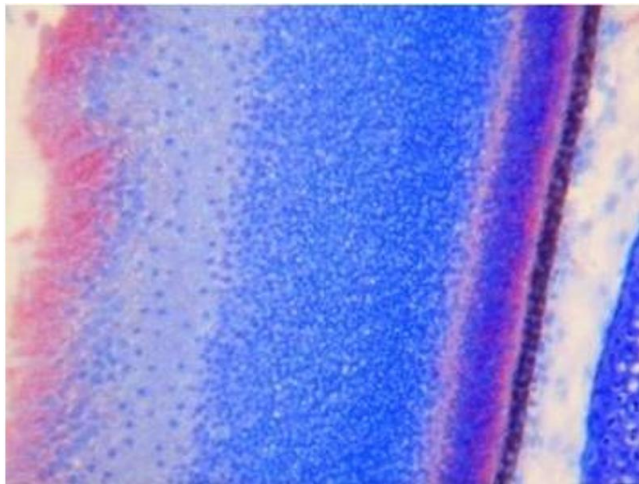
Target:	CNTN2
Alternative Name:	Contactin-2 (CNTN2 Products)
Background:	Axonin-1 is a cell adhesion molecule of the immunoglobulin superfamily that was shown to be an axon guidance cue in the central nervous system in vivo. Secreted axonin-1, which is structurally highly similar to membrane-bound axonin-1, 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
Gene ID:	419825
UniProt:	P28685
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Regulation of Cell Size

Application Details

Application Notes:	Immunohistochemistry on Frozen Sections: 1 µg/mL (1/400). Recommended Positive Control: Chicken embryo Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

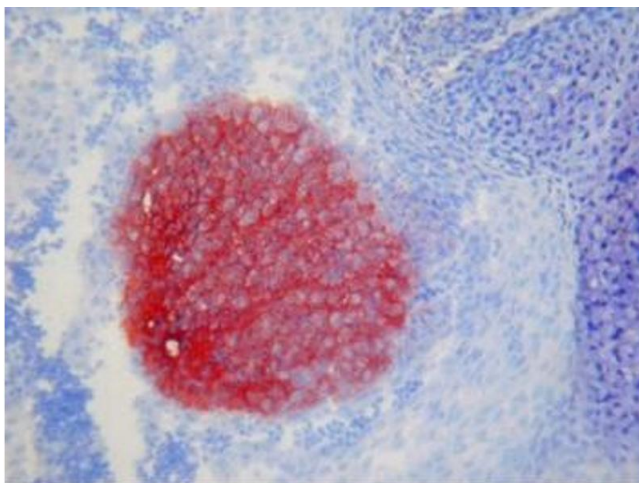
Handling

Reconstitution:	Restore in 0.5 mL water (gives 0.4 mg/mL stock solution).
Concentration:	0.4 mg/mL
Buffer:	PBS, pH 7.2 containing 5 mg/mL BSA as stabilizer and 0.05 % Kathon as preservative.
Preservative:	Kathon CG
Precaution of Use:	This product contains Kathon CG a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store lyophilized product at 2-8 °C. Store stock solution or aliquots thereof at -20 °C. Avoid repeated thawing and freezing. Shelf life: One year from despatch.
Expiry Date:	12 months



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.