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**Product Name: Netrin 1 (8Q2) Rabbit Monoclonal Antibody****Catalog #: AMRe14577**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	68kDa

**Antigen Information**

<b>Gene Name</b>	NTN1
<b>Alternative Names</b>	Netrin1; NTN1; NTN1L; Unc6;
<b>Gene ID</b>	9423.0
<b>SwissProt ID</b>	O95631
<b>Immunogen</b>	A synthetic peptide of human Netrin 1

**Background**

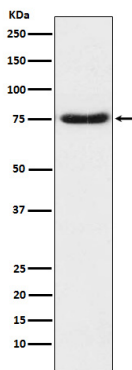
Netrins control guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5

receptors will lead to axon attraction or repulsion, respectively. Netrins control guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5 receptors will lead to axon attraction or repulsion, respectively. Binding to UNC5C might cause dissociation of UNC5C from polymerized TUBB3 in microtubules and thereby lead to increased microtubule dynamics and axon repulsion (PubMed:28483977). Involved in dorsal root ganglion axon projection towards the spinal cord (PubMed:28483977). It also serves as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in tumorigenesis by regulating apoptosis (PubMed:15343335).

## Research Area

Axon guidance;

## Image Data



Western blot analysis of Netrin 1 expression in Human fetal brain lysate.