**Product datasheet**

**Anti-Netrin 1 antibody ab39370**

8 References    1 Image

### Overview

**Product name**
Anti-Netrin 1 antibody

**Description**
Chicken polyclonal to Netrin 1

**Host species**
Chicken

**Tested applications**
Suitable for: ICC/IF

**Species reactivity**
Reacts with: Mouse, Human

**Immunogen**
Synthetic peptide corresponding to a region of the Netrin 1 gene product shared between the mouse (O09118, NCBI) and human (O95631, NCBI) gene products.

### Properties

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

**Storage buffer**
pH: 7.20
Preservative: 0.02% Sodium azide
Constituent: PBS

(10mM isotonic 0.9% w/v), pH 7.2

**Purity**
IgY fraction

**Purification notes**
After repeated injections into the hens, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column, the concentrations of the eluate adjusted to 100 ug/ml, and the preparation filter-sterilized.

**Clonality**
Polyclonal

**Isotype**
IgY

### Applications

Our Abpromise guarantee covers the use of ab39370 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Function**
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. It also serve as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in tumorigenesis by regulating apoptosis.

**Tissue specificity**
Widely expressed in normal adult tissues with highest levels in heart, small intestine, colon, liver and prostate. Reduced expression in brain tumors and neuroblastomas.

**Sequence similarities**
Contains 3 laminin EGF-like domains.
Contains 1 laminin N-terminal domain.
Contains 1 NTR domain.

**Cellular localization**
Secreted > extracellular space > extracellular matrix.

**Images**

Dissociated cell cultures of an e13 mouse brain showing Netrin 1 (green staining) in neuronal precursor cells.

**Immunocytochemistry/ Immunofluorescence - Anti-Netrin 1 antibody (ab39370)**

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