

**Neurotrypsin Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11432****Specification**

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**Neurotrypsin Antibody (N-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF, WB, IHC            |
| Primary Accession | <a href="#">P56730</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 97kDa KDa              |

**Neurotrypsin Antibody (N-Terminus) - Additional Information****Gene ID** 8492**Other Names**

Neurotrypsin, 3.4.21.-, Leydin, Motopsin, Serine protease 12, PRSS12

**Target/Specificity**

23 amino acid peptide from near the amino terminus of human neurotrypsin.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

Neurotrypsin Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Neurotrypsin Antibody (N-Terminus) - Protein Information****Name** PRSS12**Function**

Plays a role in neuronal plasticity and the proteolytic action may subserve structural reorganizations associated with learning and memory operations.

**Cellular Location**

Secreted.

**Tissue Location**

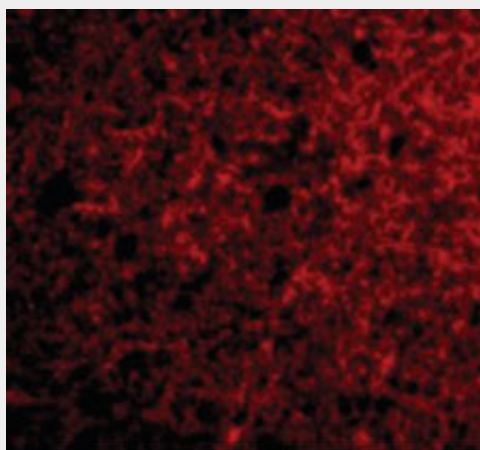
Brain and Leydig cells of the testis.

**Neurotrypsin Antibody (N-Terminus) - Protocols**

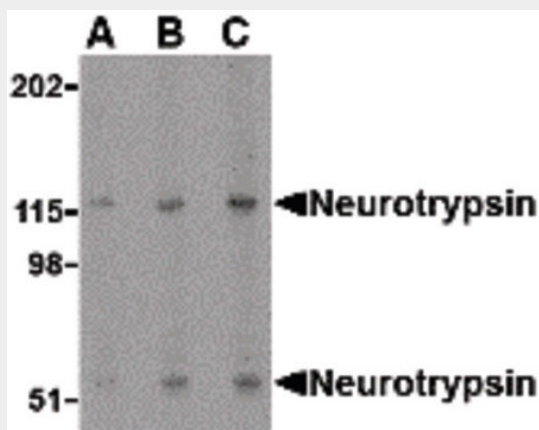
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

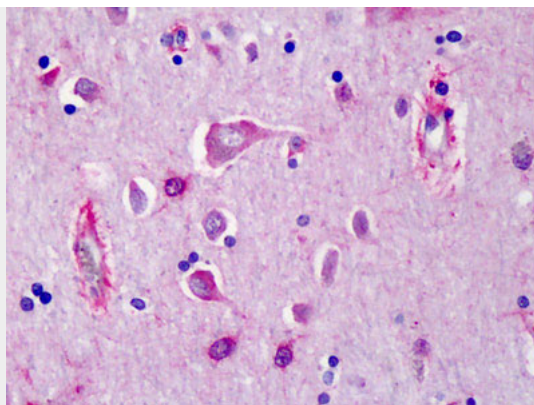
#### Neurotrypsin Antibody (N-Terminus) - Images



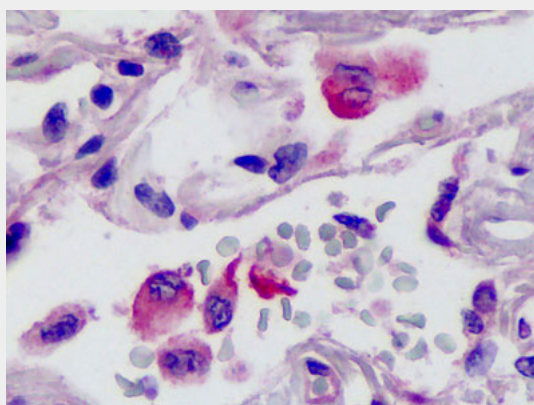
Immunofluorescence of Neurotrypsin in Human Brain cells with Neurotrypsin antibody at 20 ug/ml.



Western blot of neurotrypsin in SK-N-SH cell lysate with neurotrypsin antibody at (A) 0.5, (B) 1...



Anti-PRSS12 / Neurotrypsin antibody IHC of human cortex.



Anti-PRSS12 / Neurotrypsin antibody IHC of human lung.

### **Neurotrypsin Antibody (N-Terminus) - Background**

Plays a role in neuronal plasticity and the proteolytic action may subserve structural reorganizations associated with learning and memory operations.

### **Neurotrypsin Antibody (N-Terminus) - References**

Proba K.,et al.Biochim. Biophys. Acta 1396:143-147(1998).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Poorafshar M.,et al.Eur. J. Biochem. 261:244-250(1999).  
Molinari F.,et al.Science 298:1779-1781(2002).