antibodies -online.com







anti-Nestin antibody (AA 681-750)





Publications



Overview

| Quantity: | 100 μL |
|----------------------|--|
| Target: | Nestin (NES) |
| Binding Specificity: | AA 681-750 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Nestin antibody is un-conjugated |
| Application: | ELISA, Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from rat Nestin |
|-------------------|--|
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| Target: | Nestin (NES) |
|-------------------|-----------------------|
| Alternative Name: | Nestin (NES Products) |

Target Details

| Background: | Synonyms: ESTM 46, FLJ 21841, FLJ21841, Intermediate filament protein, Nbla00170, Nes, |
|-------------|--|
| | NEST_RAT, Nestin. |
| | Background: Required for brain and eye development (By similarity). Promotes the disassembly |
| | of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the |
| | trafficking and distribution of IF proteins and other cellular factors to daughter cells during |
| | progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of |
| | neural progenitor cells. |
| Gene ID: | 25491 |
| UniProt: | P21263 |

Application Details

| Restrictions: | For Research Use only |
|--------------------|-----------------------|
| | IF(ICC) 1:50-200 |
| | IF(IHC-F) 1:50-200 |
| | IF(IHC-P) 1:50-200 |
| | IHC-F 1:100-500 |
| | IHC-P 1:200-400 |
| | FCM 1:20-100 |
| Application Notes: | ELISA 1:500-1000 |

For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

Product cited in:

Wang, Zhang, Chen, Xue, Guo, Liu, Zhao: "Formylpeptide Receptors Promote the Migration and Differentiation of Rat Neural Stem Cells." in: **Scientific reports**, Vol. 6, pp. 25946, (2018) (PubMed).

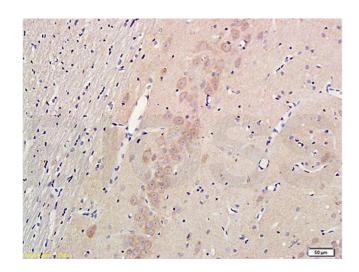
Kawashima, Shinkai, Suzuki: "Effect of an experimental adhesive resin containing multi-ion releasing fillers on direct pulp-capping." in: **Dental materials journal**, Vol. 35, Issue 3, pp. 479-89, (2016) (PubMed).

Liu, Xue, Li, Zhang, Fu, Feng, Chen, Xu: "Amelioration of stroke-induced neurological deficiency by lyophilized powder of catapol and puerarin." in: **International journal of biological sciences**, Vol. 10, Issue 4, pp. 448-56, (2014) (PubMed).

Shan, Zhou, Yang, Yan, Zhang, Fu, Jiang: "Lithium chloride promotes the odontoblast differentiation of hair follicle neural crest cells by activating Wnt/?-catenin signaling." in: **Cell biology international**, (2014) (PubMed).

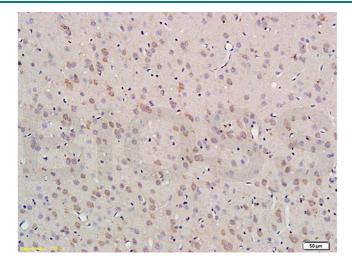
There are more publications referencing this product on: Product page

Images



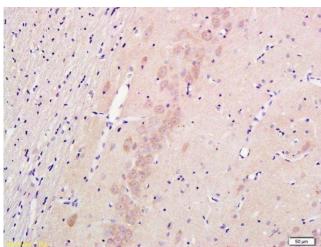
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat hippocampus labeled with Anti-Nestin Polyclonal Antibody (ABIN723530), Unconjugated 1:300 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat brain labeled with Anti-Nestin Polyclonal Antibody (ABIN723530), Unconjugated 1:300 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat hippocampus labeled with Anti-Nestin Polyclonal Antibody, Unconjugated 1:300 followed by conjugation to the secondary antibody and DAB staining

Please check the product details page for more images. Overall 5 images are available for ABIN723530.