

Product Datasheet

Nestin antibody (orb345409)

Description

Nestin antibody

Species/Host

Rabbit

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested

ELISA, IHC, WB

Applications

Immunogen

Anti-Nestin affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 1484-1500 of human Nestin protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.1 mg/mL

Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

This affinity purified antibody has been tested for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 200-220 kDa in size corresponding to Nestin protein by western blotting in the appropriate cell lysate or extract.

Isotype

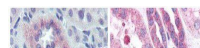
IgG

Clonality

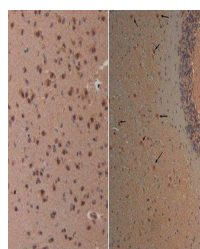
Polyclonal

Purity

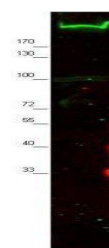
This affinity purified antibody is directed against human Nestin protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification. A BLAST analysis was used to suggest cross reactivity with Nestin protein from human and *Mesocricetus auratus* (100% homology). Based on protein sequence homology also expect partial reactivity against Nestin homologues from mouse (93%) and rat (88%). Reactivity against



Immunohistochemical staining of mouse ki...



Immunohistochemical staining of at 40X (...)



Western blot analysis of mouse Nestin ti...

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
27709, United States

Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Dilution Range

ELISA: 1:20,000 - 1:80,000, IHC: User Optimized, WB: 1:500 - 1:2,000