

Nestin antibody [2Q178]

Cat. No. GTX26142

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC
Reactivity	Mouse, Rat, Dog, Hamster, Chicken

References (6)

★★★★★ Review (1)

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:20-1:200
IHC-P	1:20-1:200
IHC-Fr	1:20-1:200
IHC	Assay dependent

Note : Fix cells in 4% paraformaldehyde buffered with 50mM sodium borate, pH 9.5**Perfuse tissue with 4% paraformaldehyde, pH 7.4 for light microscopy or with either 4% paraformaldehyde, pH 10 or 4% paraformaldehyde with 0.1% glutaraldehyde, pH 7.4 for EM.****Perfuse tissue with 4% paraformaldehyde, pH 7.4 for light microscopy or with either 4% paraformaldehyde, pH 10 or 4% paraformaldehyde with 0.1% glutaraldehyde, pH 7.4 for EM.**

Not tested in other applications.

Calculated MW	209 kDa. (Note)
Product Note	We do not recommend use of this product for Human samples.

Properties

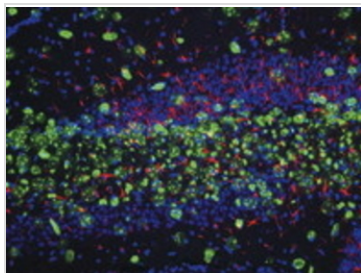
Form	Liquid
Buffer	100mM Tris-Glycine, 150mM NaCl
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Nestin purified from embryonic rat spinal cord.



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Purification	Purified IgG
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



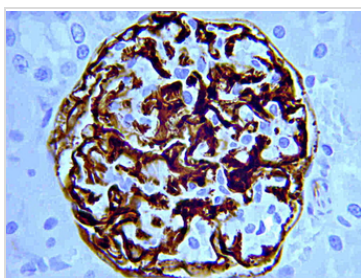
GTx26142 IHC Image

IHC analysis of mouse brain tissue sections (hippocampus, CA3 region) from 21 day old mice 72 hrs after dosing with trimethyltin using GTx26142 Nestin antibody [2Q178].

Blue : Nissl (rough ER)

Red : nestin (Primary antibody)

Green : lectin IB4 (microglia) or GFAP (glial fibrillary acidic protein, astrocytes)



GTx26142 IHC-P Image

IHC-P analysis of mouse pancreas tissue using GTx26142 Nestin antibody [2Q178]. Immunoreactivity is detected in the islets of Langerhans.

Antigen retrieval : Citrate buffer, pH 6.0



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