

Anti-Nestin Rabbit Monoclonal Antibody

Catalog Number: M00806

About NES

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

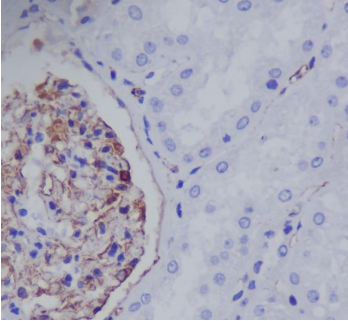
Product Name	Anti-Nestin Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Nestin Rabbit Monoclonal Antibody catalog # M00806. Tested in IHC, ICC/IF applications. This antibody reacts with Human, Rat.
Application	IF, IHC, ICC
Clonality	Monoclonal FBH-14
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P48681

Technical Details

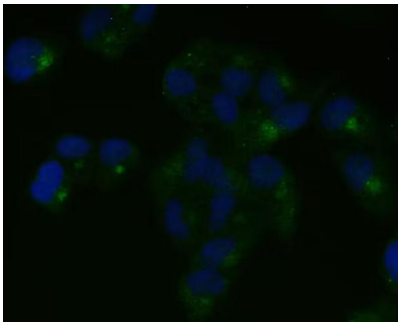
Immunogen	A synthesized peptide derived from human Nestin
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	IHC 1:50-1:200 ICC/IF 1:50-1:200
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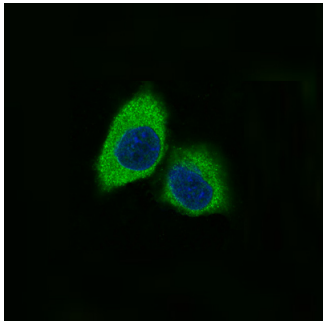
Anti-Nestin Rabbit Monoclonal Antibody (M00806) Images



Immunohistochemical analysis of paraffin-embedded human kidney, using Nestin Antibody.



Immunofluorescent analysis of HeLa cells, using Nestin Antibody.



Immunofluorescent analysis of PC12 cells, using Nestin Antibody.

13 Publications Citing This Product

1. PubMed ID: 24693173, Xu Yi, Sun Jg, Wu Fb, Xi Ym. J Stem Cells Regen Med. 2011 Oct 30;7(2):69-74. Ecollection 2011. Investigation Of Characteristics Of Feather Follicle Stem Cells And Their Regeneration Potential.
2. PubMed ID: 28848998, Regulated differentiation of WERI-Rb-1 cells into retinal neuron-like cells
3. PubMed ID: 26622485, Effect of siRNA-Livin on drug resistance to chemotherapy in glioma U251 cells and CD133+ stem cells

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