

Nestin (7M5) Rabbit Monoclonal Antibody

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Catalog # AP93715

Product Information

Application	WB, IHC
Primary Accession	Q6P5H2 , P21263
Reactivity	Rat, Mouse
Clonality	Monoclonal
Calculated MW	207124

Additional Information

Gene ID	18008
Dilution	WB~~1:1000 IHC~~1:100~500
Storage Conditions	-20°C

Protein Information

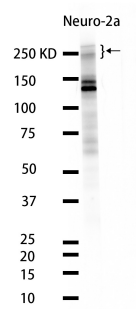
Name	Nes
Function	Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division (By similarity). Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.

Background

Predicted to enable CCR5 chemokine receptor binding activity. Acts upstream of or within cell projection morphogenesis; negative regulation of neuron apoptotic process; and nervous system development. Located in cytoplasm and intermediate filament. Is expressed in several structures, including central nervous system; embryo mesenchyme; eye; foregut-midgut junction; and metanephros. Orthologous to human NES (nestin). [provided by Alliance of Genome Resources, Apr 2022]

Images

Western blot analysis of extracts from Neuro-2a cells using AP93715 at 1:1000.



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