

## Anti-NEST antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to NEST
<b>Model</b>	STJ192154
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Gene ID</b>	<a href="#">10763</a>
<b>Gene Symbol</b>	<a href="#">NES</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	NEST Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	CNS stem cells.
<b>Purification</b>	NEST antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Nestin
<b>Molecular Weight</b>	178 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:7756OMIM:600915</a>
<b>Alternative Names</b>	Nestin
<b>Function</b>	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. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells .
<b>Post-translational Modifications</b>	Constitutively phosphorylated. This increases during mitosis when the cytoplasmic intermediate filament network is reorganized .

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