

Chicken Nestin Polyclonal Antibody | anti-NES antibody

Nestin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76617	Chicken	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Nestin; Polyclonal Antibody; anti-NES antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Chicken IgY
Form/Format	Aliquot of IgY preparation plus 5mM of Sodium Azide
Applicable Applications for anti-NES antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant construct, amino acids 317-630 of the human protein expressed in E coli.
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of rat embryonic (E18) brain stained with chicken Nesting (AAA76617), dilution 1:2,000 in red. Nuclear DNA is stained blue with Hoechst.

ADDITIONAL INFORMATION

Related Product Information for anti-NES antibody	Nestin belongs to the class IV intermediate filament protein family. Nestin is expressed in radial glia and other dividing cells in the developing CNS, PNS and muscles. Nestin is also found to be expressed in brain tumors, particularly gliomas. Nestin is also a marker of stem cells in the pancreas and heart. The nestin amino acid sequence is relatively poorly conserved in protein sequence across species boundaries, so that the mouse and human proteins have an overall identity of only 62%. As a result, antibodies to the human protein often fail to recognize the rodent homologue and vice versa. However this antibody works well on both human and rodent cells and tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	146345464
NCBI GeneID	10763

UniProt Accession #	P48681; O00552; Q3LIF5; Q5SYZ6
NCBI Official Full Name	Nestin
NCBI Official Synonym Full Names	nestin
NCBI Official Symbol	NES
NCBI Official Synonym Symbols	Nbla00170
NCBI Protein Information	nestin
UniProt Protein Name	Nestin
UniProt Gene Name	NES
UniProt Entry Name	NEST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nestin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/76617>