

Rabbit anti-Human, Mouse Nestin Polyclonal Antibody | anti-NES antibody

Rabbit Polyclonal to Human Nestin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50693	Rabbit	Human, Mouse	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

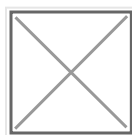
PRODUCT SYNONYMS

Nestin; Polyclonal Antibody; Rabbit Polyclonal to Human Nestin; Anti-Nestin Antibody (aa1484-1500) IHC-plus; Nbla00170; Human Nestin; anti-NES antibody

PRODUCT SPECIFICATIONS

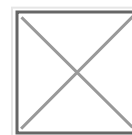
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Amino acids 1484-1500 of human Nestin protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1621
Applicable Applications for anti-NES antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human NES / Nestin.
Immunogen Type	Recombinant protein
Immunogen	Nestin antibody was raised against recombinant human NES / Nestin.
Antigen Modification	aa1484-1500
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-Nestin Antibody - Western Blot. Western blot of Affinity Purified anti-Nestin antibody shows detection of a band ~220 kD corresponding to mouse Nestin (arrowhead). Approximately 30 g of MEF whole cell lysate was separated by SDS-PAGE using a 4-20% gradient gel. After transfer onto nitrocellulose, the membrane was blocked and then probed with the primary antibody diluted to 1:2000 overnight at 4C. The membrane was then washed and reacted with a 1:10000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX (for 45 min at room temperature. IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



IHC (Immunohistochemistry)

Anti-Nestin Antibody - Western Blot. Western blot of Affinity Purified anti-Nestin antibody shows detection of a band ~220 kD corresponding to human Nestin (arrowhead). Undifferentiated HCN-1A human brain cortical neuron neuronal progenitor lysate (lane 1), or differentiated HCN-1A human brain cortical neuron neuronal progenitor lysate (lane 2) were separated by SDS-PAGE using 4-20% gradient gel. After transfer onto nitrocellulose, the membrane was blocked and then probed with the primary antibody diluted to 1:2000 overnight at 4C. The membrane was then washed and reacted with a 1:10000 dilution of peroxidase conjugated affinity purified Gt-a-Rabbit IgG [H&L] MX for 45 min at room temperature. Image was captured using film. Other detection systems will yield similar results. Image courtesy of Prof. F. H. Gage of the Salk Institute, San Diego, CA.

**IHC (Immunohistochemistry)**

Anti-Nestin antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-Nestin antibody IHC of mouse kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION**Related Product Information for anti-NES antibody**

Nestin (NES) is an intermediate filament protein. Nestin is expressed predominantly in stem cells of the central nervous system in the neural tube. Upon terminal neural differentiation, nestin is downregulated and replaced by neurofilaments.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38176300
NCBI GeneID	10763
NCBI Accession #	NP_006608.1
NCBI GenBank Nucleotide #	NM_006617.1
UniProt Accession #	P48681; O00552; Q3LIF5; Q5SYZ6
Molecular Weight	177,439 Da
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-western-blot-immunofluorescence-immunohistochemistry-elisa/50693>