

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

Nestin Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285273	Rabbit	Human, mouse	Immunofluorescence, Immunohistochemistry, ELISA

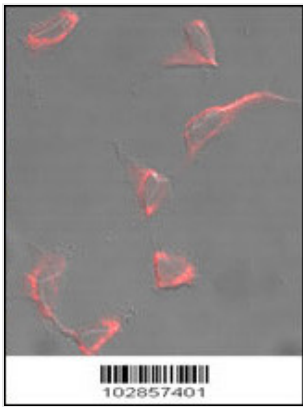
PRODUCT SYNONYMS

Nestin; Polyclonal Antibody; Nestin Antibody (C-term); NES; anti-NES antibody

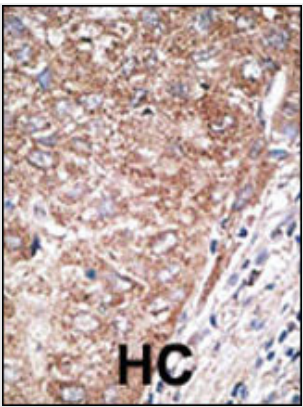
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Nestin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1560~1590 amino acids from the C-terminal region of human nestin.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1560-1590
Sequence Length	1,621
Applicable Applications for anti-NES antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of anti-Nestin Antibody (C-term) in HeLa cells. 0.025 mg/ml primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-NES antibody	Nestin is a class VI intermediate filament protein expressed predominantly in stem cells of the neural tube but absent from virtually all differentiated CNS cells. In the CNS, nestin is downregulated upon differentiation and replaced by neurofilaments. Transient expression of nestin has been postulated as a key step committing cells to the neural differentiation pathway. Nestin expression has also been observed in pancreatic hematopoietic stem cell populations.
Product Categories/Family for anti-NES antibody	Cancer; Cardiovascular; Developmental Biology; Signal Transduction
References	Yaworsky, P.J., et al., Dev. Biol. 205(2):309-321 (1999). Dahlstrand, J., et al., J. Cell. Sci. 103 (Pt 2), 589-597 (1992).

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	177439
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-elisa/285273>