

Rabbit NESTIN Polyclonal Antibody | anti-Nes antibody

RABBIT ANTI HUMAN NESTIN

CATALOG # AAA50078	HOST Rabbit	REACTIVITY Bovine, Dog, Hamster, Macaque, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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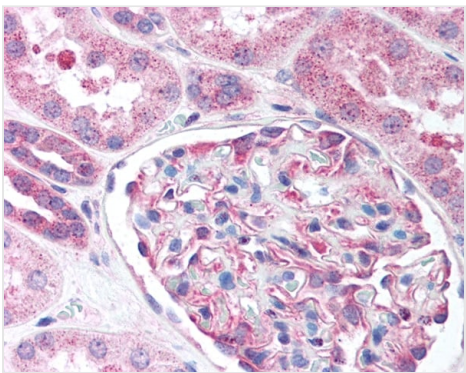
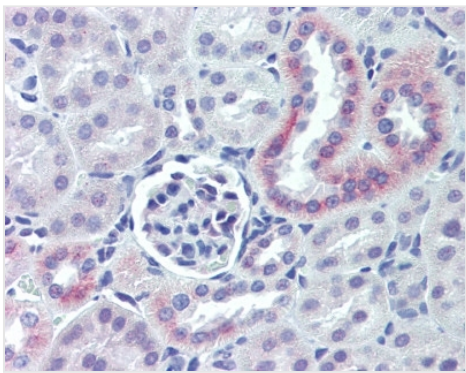
PRODUCT SYNONYMS

NESTIN; Polyclonal Antibody; RABBIT ANTI HUMAN NESTIN; anti-Nes antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Macaque, Mouse, Rabbit, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises human Nestin, an intermediate filament involved in cytoskeletal organisation. Nestin is a marker of multipotent neuroectodermal cells and is downregulated as the cells cease division and differentiate to their neural or glial lineages. Expression of Nestin is seen in almost all GBMs (Glioblastoma multiformes) and many melanomas (both primary and metastatic) but not in any metastatic carcinomas. This item has been reported to work in Immunofluorescence.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5mg/ml (varies by lot)
Sequence Length	1864
Applicable Applications for anti-Nes antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Recombinant human Nestin (aa1484-1500). Histology Positive Control Tissue
Antiserum Preparation	Antisera to Human Nestin were raised by repeated immunisation of Rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Staining of formalin fixed, paraffin embedded mouse kidney with Rabbit anti Human nestin (AAA50078)

Application Data
Staining of formalin fixed, paraffin embedded human kidney with Rabbit anti Human nestin (AAA50078)

ADDITIONAL INFORMATION

Related Product Information for anti-Nes antibody	MBS224038 recognises human Nestin, an intermediate filament involved in cytoskeletal organisation. Nestin is a marker of multipotent neuroectodermal cells and is downregulated as the cells cease division and differentiate to their neural or glial lineages. Expression of Nestin is seen in almost all GBMs (Glioblastoma multiformes) and many melanomas (both primary and metastatic) but not in any metastatic carcinomas. MBS224038 has been reported to work in Immunofluorescence.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50363232
NCBI GeneID	18008
NCBI Accession #	NP_057910.3
NCBI GenBank Nucleotide #	NM_016701.3
UniProt Accession #	Q6P5H2; Q80X00; Q8BPH7; Q9CV43; Q9R0C4; A1E2I2
Molecular Weight	201,770 Da
NCBI Official Full Name	nestin
NCBI Official Synonym Full Names	nestin
NCBI Official Symbol	Nes
NCBI Official Synonym Symbols	C78523; ESTM46; AA166324
NCBI Protein Information	nestin; intermediate filament protein
UniProt Protein Name	Nestin
UniProt Gene Name	Nes
UniProt Entry Name	NEST_MOUSE

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.