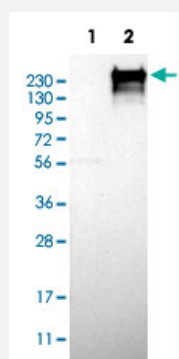


NES polyclonal antibody

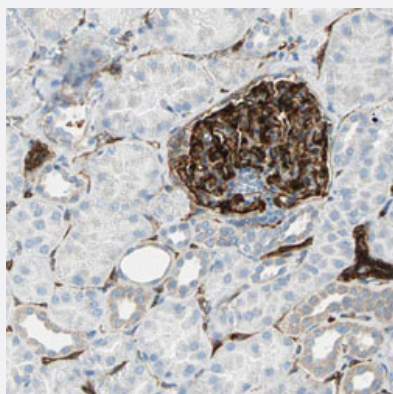
Catalog # PAB30771 Size 100 uL

Applications



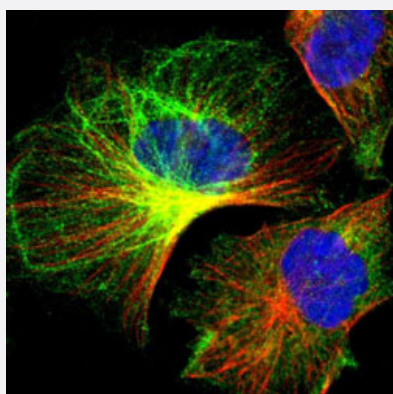
Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251MG sp cell lysates with NES polyclonal antibody (Cat # PAB30771).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with NES polyclonal antibody (Cat # PAB30771) shows distinct positivity in cells in glomeruli.



Immunofluorescence

Immunofluorescent staining of U-251 MG with NES polyclonal antibody (Cat # PAB30771) (Green) shows positivity in intermediate filaments.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human NES.
Immunogen	Recombinant protein corresponding to human NES.
Sequence	DPEGQSQQVGAPGLQAPQGLPEAIEPLVEDDVAPGGDQASPEVMLGSEPAMGESAAAGAEPPGPGQGVGGLGDPGHLTREEVMEPPLEESLEAKRVQGLEGPRKDLEEAGGLGTEFSELP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251MG sp cell lysates with NES polyclonal antibody (Cat # PAB30771).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with NES polyclonal antibody (Cat # PAB30771) shows distinct positivity in cells in glomeruli.

- Immunofluorescence

Immunofluorescent staining of U-251 MG with NES polyclonal antibody (Cat # PAB30771) (Green) shows positivity in intermediate filaments.

Gene Info — NES

Entrez GeneID [10763](#)**Protein Accession#** [P48681](#)**Gene Name** NES**Gene Alias** FLJ21841, Nbla00170**Gene Description** nestin**Omim ID** [600915](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Nestin is an intermediate filament protein that was first identified with a monoclonal antibody by Hockfield and McKay (1985) [PubMed 4078630]. It 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.[supplied by OMIM]

Other Designations OTTHUMP00000032198

Disease

- [Atherosclerosis](#)
- [Coronary Disease](#)