

## NES polyclonal antibody (DyLight 650)

Catalog # PAB14988

Size 100 uL

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant NES.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 1464-1614 of human NES.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	It does not cross-react with rodent protein. This is specific to human nestin. This antibody may be used in Immunocytochemistry/Immunofluorescence and Western blot where a band is seen at ~220-240 kDa. Another band may be seen ~110-115 kDa. Other applications have not been tested. Though this production has not been tested, past productions have been useful for Immunohistochemistry and Immunoprecipitation. The investigator should determine the optimal working dilution for a specific application.
<b>Form</b>	Liquid
<b>Conjugation</b>	DyLight 650
<b>Purification</b>	Immunogen affinity purification
<b>Recommend Usage</b>	Immunocytochemistry/Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM sodium borate (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C in the dark.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot

- Immunocytochemistry
- Immunofluorescence

## 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](#)