

Rabbit NPAS4 Polyclonal Antibody | anti-NPAS4 antibody

Rabbit anti-NPAS4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222655	Rabbit	Human, Monkey, Pig	Immunofluorescence, Immunohistochemistry, Western Blot

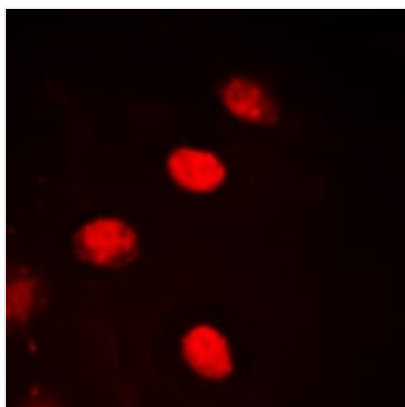
PRODUCT SYNONYMS

NPAS4; Polyclonal Antibody; Rabbit anti-NPAS4 Antibody; BHLHE79; NXF; PASD10; Neuronal PAS domain-containing protein 4; Neuronal PAS4; Class E basic helix-loop-helix protein 79; bHLHe79; HLH-PAS transcription factor NXF; PAS domain-containing protein 10; anti-NPAS4 antibody

PRODUCT SPECIFICATIONS

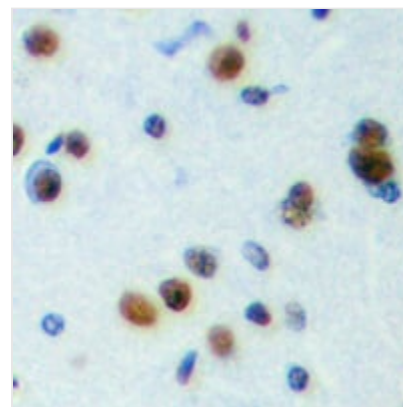
Host	Rabbit
Reactivity	Human, Monkey, Pig
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NPAS4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NPAS4. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



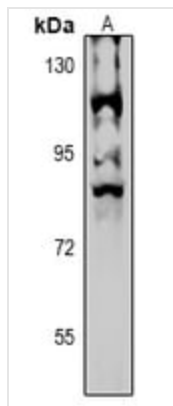
IF (Immunofluorescence)

Immunofluorescent analysis of NPAS4 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of NPAS4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of NPAS4 expression in U87MG (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NPAS4 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097477
NCBI GeneID	266743
NCBI Accession #	NP_849195.2
NCBI GenBank Nucleotide #	NM_178864.3
UniProt Accession #	Q8IUM7; Q8BGD7
Molecular Weight	87,117 Da
NCBI Official Full Name	neuronal PAS domain-containing protein 4
NCBI Official Synonym Full Names	neuronal PAS domain protein 4
NCBI Official Symbol	NPAS4
NCBI Official Synonym Symbols	NXF; Le-PAS; PASD10; bHLHe79
NCBI Protein Information	neuronal PAS domain-containing protein 4; neuronal PAS4; HLH-PAS transcription factor NXF; PAS domain-containing protein 10; class E basic helix-loop-helix protein 79
UniProt Protein Name	Neuronal PAS domain-containing protein 4
UniProt Gene Name	NPAS4
UniProt Synonym Gene Names	BHLHE79; NXF; PASD10; Neuronal PAS4; bHLHe79
UniProt Entry Name	NPAS4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/npas4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222655>