

Rabbit anti-Human, Mouse NPB Polyclonal Antibody | anti-NPB antibody

NPB Polyclonal Antibody

CATALOG # AAA179057	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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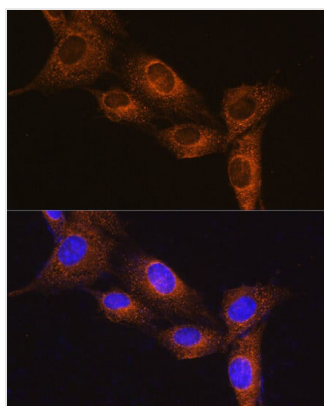
PRODUCT SYNONYMS

NPB; Polyclonal Antibody; NPB Polyclonal Antibody; L7; PPL7; PPNPB; anti-NPB antibody

PRODUCT SPECIFICATIONS

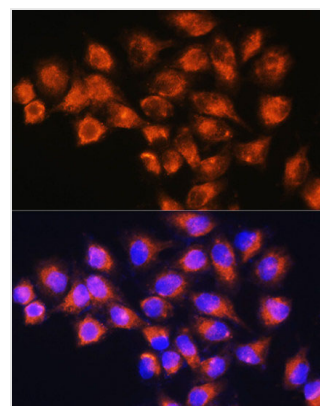
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NPB antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human NPB
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



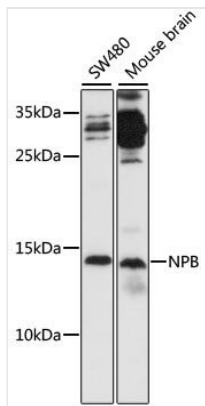
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using NPB Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using NPB Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using NPB Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NPB antibody	This gene encodes a member of the neuropeptide B/W family of proteins and preproprotein that is proteolytically processed to generate multiple protein products. The encoded products include neuropeptide B-23 and a C-terminally extended form, neuropeptide B-29, which are characterized by an N-terminal brominated tryptophan amino acid. Both of the encoded peptides bind with higher affinity to neuropeptide B/W (NPB/W) receptor 1 compared to the related NPB/W receptor 2. These peptides may regulate feeding, pain perception, and stress in rodents.
Product Categories/Family for anti-NPB antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	22507403
NCBI GeneID	256933
NCBI Accession #	NP_683694.1
NCBI GenBank Nucleotide #	NM_148896.3
UniProt Accession #	Q8NG41; A0AUX9; A6NJD6; B9EJC3
Molecular Weight	13,097 Da
NCBI Official Full Name	neuropeptide B preproprotein
NCBI Official Synonym Full Names	neuropeptide B
NCBI Official Symbol	NPB
NCBI Official Synonym Symbols	L7; PPL7; PPNPB
NCBI Protein Information	neuropeptide B; prepro-NPB; preproprotein L7; preproneuropeptide B
UniProt Protein Name	Neuropeptide B
UniProt Gene Name	NPB
UniProt Synonym Gene Names	PPL7; PPNPB; hPPL7; NPB23; hL7; NPB29; hL7C
UniProt Entry Name	NPB_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.

