

NF-H recombinant antibody

Rabbit anti-NF-H Recombinant Monoclonal Antibody [BLR190J]

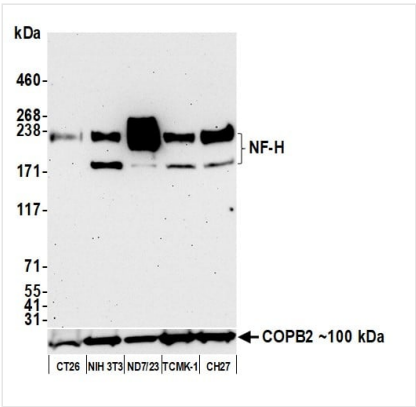
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213634	Rabbit	Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

NF-H; Monoclonal Recombinant Antibody; Rabbit anti-NF-H Recombinant Monoclonal Antibody [BLR190J]; Nfh; NF200; neurofilament triplet H protein; neurofilament heavy polypeptide; neurofilament 200kDa; 200 kDa neurofilament protein; mKIAA0845; Neurofilament heavy polypeptide; neurofilament; heavy polypeptide; NF-H recombinant antibody

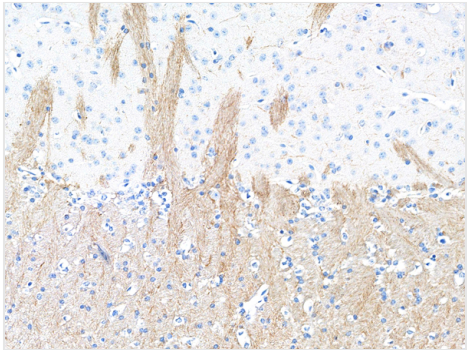
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Clone Number	BLR190J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	50ug/ml (varies by lot)
Applicable Applications for NF-H recombinant antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1040 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



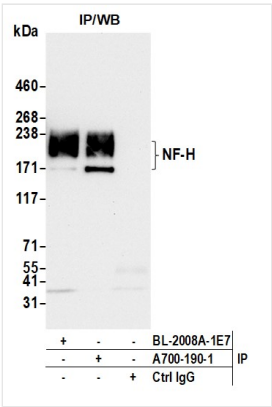
WB (Western Blot)

Detection of mouse NF-H by western blot. Samples: Whole cell lysate (50 ug) from CT26, NIH 3T3, ND7/23 (10 ug), TCMK-1, and CH27 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-NF-H recombinant monoclonal antibody (AAA213634 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



IHC (Immunohistochemistry)

Detection of mouse NF-H in mouse brain by IHC. Antibody: Rabbit anti-NF-H recombinant monoclonal antibody (AAA213634 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB



IP (Immunoprecipitation)

Detection of mouse NF-H by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from ND7/23 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-NF-H recombinant monoclonal antibody (AAA213634 lot 1) used for IP at 20 ul/mg lysate . NF-H was also immunoprecipitated by a second antibody against a different epitope of NF-H (BL-2008A-1E7). For blotting immunoprecipitated NF-H, AAA213634 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for NF-H recombinant antibody	Neurofilaments are type IV intermediate filament heteropolymers composed of light (L), medium (M), and heavy (H) chains. Neurofilaments are a component of the axon cytoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. NF-H is commonly used as a biomarker of neuronal damage [taken from NCBI Entrez Gene (Gene ID: 4744)].
Product Categories/Family for NF-H recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	124286811
NCBI GeneID	380684
NCBI Accession #	NP_035034.2
NCBI GenBank Nucleotide #	NM_010904.3
UniProt Accession #	P19246; Q5SVF6; Q61959; A1E2H9
Molecular Weight	116,994 Da

NCBI Official Full Name	neurofilament heavy polypeptide
NCBI Official Synonym Full Names	neurofilament, heavy polypeptide
NCBI Official Symbol	Nefh
NCBI Official Synonym Symbols	Nfh; NF-H; NF200; mKIAA0845
NCBI Protein Information	neurofilament heavy polypeptide; 200 kDa neurofilament protein; neurofilament 200kDa; neurofilament triplet H protein
UniProt Protein Name	Neurofilament heavy polypeptide
UniProt Gene Name	Nefh
UniProt Synonym Gene Names	Kiaa0845; Nfh; NF-H

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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/nf-h-recombinant-antibody-clone-blr190j-immunohistochemistry-immunoprecipitation-western-blot-elisa/213634>