

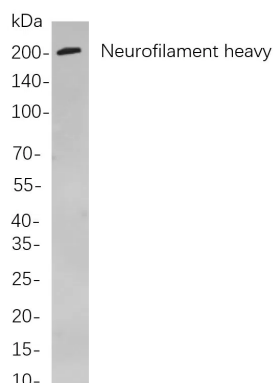


Product name:	Neurofilament heavy polypeptide Rabbit Monoclonal Antibody
Cat number:	MABN21532
Conjugate:	Unconjugated
Size:	100ul
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	A synthetic peptide of human Neurofilament heavy polypeptide
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight:	Calculated MW:110kD;Observed MW:180-200kD
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	NEFH;KIAA0845;NFH;Neurofilament heavy polypeptide;NF-H;200 kDa neurofilament protein;Neurofilament triplet H protein
Source:	Rabbit
Background:	Cell localization:Cytoplasm.Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene. [provided by RefSeq, Oct 2008],

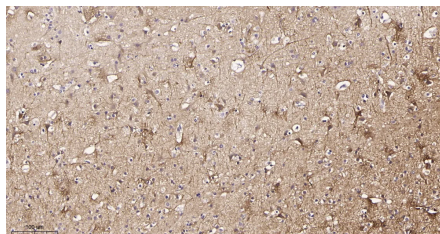
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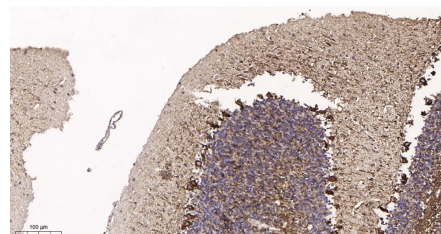
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



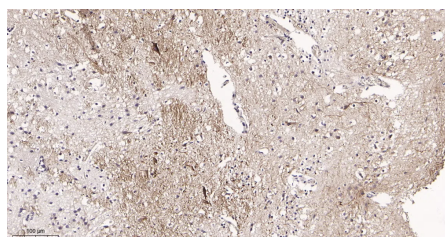
Western blot analysis of lysates from Mouse brain cells, using Neurofilament heavy polypeptide Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded human brain tissue. 1, Neurofilament heavy polypeptide Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue. 1, Neurofilament heavy polypeptide Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded rat brain tissue. 1, Neurofilament heavy polypeptide Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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