

Neurofilament Monoclonal antibody

Cat:B32154R

Company: Haokebio

Uniprot ID:P07197

Applications: IHC:1:100-1:200

Organism:Mouse

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Neurofilaments are the major intermediate filaments in neurons, existing as polymers composed of light subunits (NFL), medium subunits (NFM), and heavy subunits (NFH). Studies have shown that neurofilament aggregation occurs in patients with human neurological disorders such as Parkinson's disease, Alzheimer's disease, and amyotrophic lateral sclerosis (ALS). Neurofilaments mainly label neurons, peripheral nerves, sympathetic ganglia, the adrenal medulla, and their associated tumors, and are helpful for diagnosing neuroblastoma and pheochromocytoma.

Protein full name:

neurofilament, light polypeptide

Synonyms:

NEFL, 5C12G4, neurofilament, NF68, NFL

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

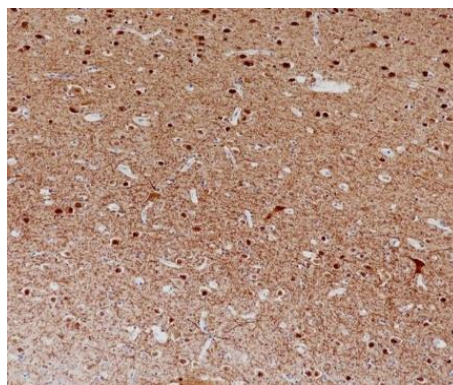
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Human brain tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Neurofilament(B32154R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Neurofilament(B32154R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.