

Anti-Neurofilament heavy polypeptide antibody [SM4961] (STJA0004961)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC/IF
Host / Source	Mouse
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

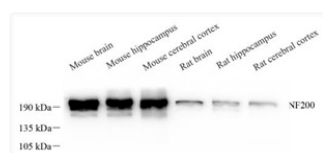
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB (M, R) 1:500-1:1000 IHC/IF (M, R) 1:500-1:1000
Formulation	PBS with 0.02% sodium azide, 100 Mu g/ml BSA and 50% glycerol.
Isotype	IgG1k
Storage Instruction	Store at-20C for up to one year, and avoid repeated freeze-thaw cycles.

TARGET INFORMATION

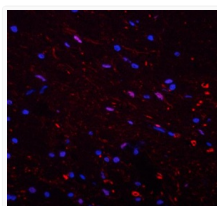
Gene ID	380684
Gene Symbol	Nefh
UniProt ID	NFH_MOUSE

ADDITIONAL INFORMATION

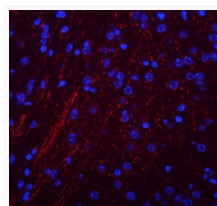
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



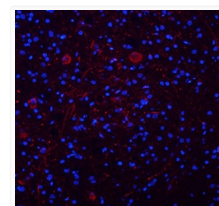
Western blot analysis of NF200. Sample: Protein treated by RIPA Lysis Buffer. Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1:1000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:3000, RT, 1h.



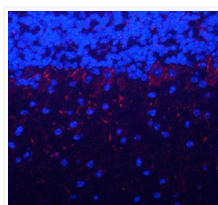
IF analysis of NF200. Sample: Human brain, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98C, 20 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



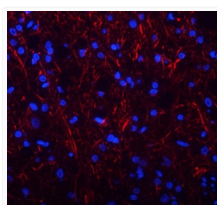
IF analysis of NF200. Sample: mouse brain, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98C, 20 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of NF200. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98C, 20 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of NF200. Sample: mouse cerebellum, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98C, 20 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of NF200. Sample: Rat cerebellum, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98C, 20 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.