

Neurofilament H polyclonal antibody

Catalog: BS79082

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

250KDa

Swiss-Prot:

P12036

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000 | IHC, 1:50 - 1:200 | IF/ICC, 1:100 - 1:500

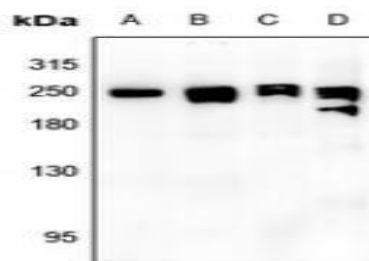
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

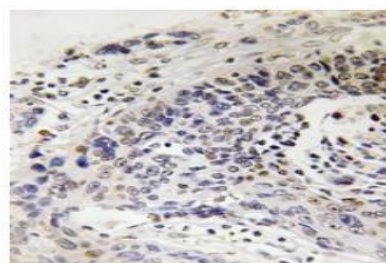
Specificity:

Neurofilament H polyclonal antibody detects endogenous levels of Neurofilament H protein.

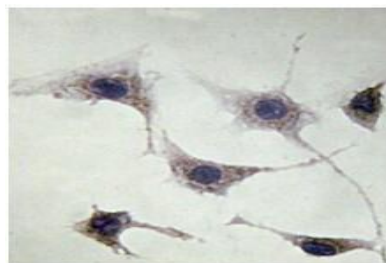
DATA:



Western blot analysis of Neurofilament H expression in C6 (A), CT26 (B), HepG2 (C), A2780 (D) whole cell lysates.



Immunohistochemical analysis of Neurofilament H staining in human lung cancer formalin fixed paraffin embedded tissue section.



Immunocytochemistry analysis of Neurofilament H staining in NIH3T3 cells.

Note:

For research use only, not for use in diagnostic procedure.

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