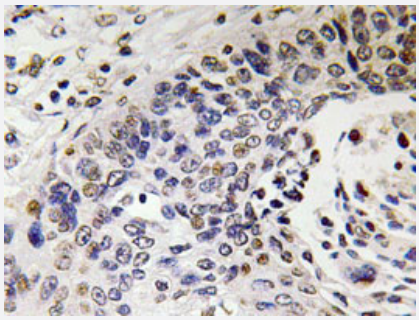
NEFH polyclonal antibody

Catalog # PAB25167 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using NEFH polyclonal antibody (Cat # PAB25167).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NEFH.
Immunogen	A synthetic peptide corresponding to NEFH.
Host	Rabbit
Reactivity	Human
Specificity	NEFH polyclonal antibody detects endogenous levels of NEFH protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — NEFH

Entrez GeneID	4744
Gene Name	NEFH
Gene Alias	NFH
Gene Description	neurofilament, heavy polypeptide
Omim ID	105400 162230
Gene Ontology	Hyperlink
Gene Summary	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 th e 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 thi s gene. [provided by RefSeq
Other Designations	neurofilament triplet H protein|neurofilament, heavy polypeptide 200kDa

Pathway

- Amyotrophic lateral sclerosis (ALS)

Disease

- Amyotrophic lateral sclerosis
- Dominance

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- Genetic Predisposition to Disease
- Motor Neuron Disease
- Multiple Sclerosis
- Schizophrenia

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