

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **NEFH RABBIT PAB**

**Cat.#:** S220743

Product Name: Anti-NEFH Rabbit Polyclonal Antibody

Synonyms: NFH

UNIPROT ID: P12036 (Gene Accession - NP\_066554)

**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.

Immunogen: Synthetic peptide of human NEFH

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

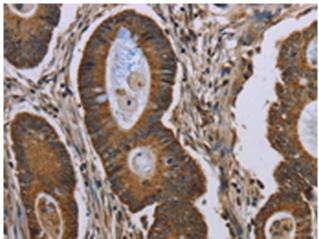
Research Areas: Signal Transduction, Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

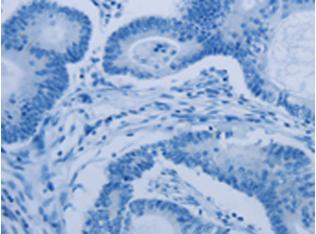


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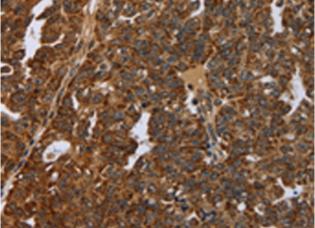
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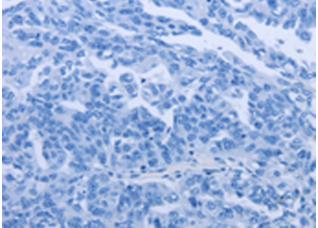
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 220743(NEFH Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 220743 (Anti-NEFH Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human ovarian cancer tissue using 220743(Anti-NEFH Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D261949(Anti-NEFH Antibody) at dilution 1/40.