

HMGB3 RABBIT PAB

Cat.#: S219853

Product Name: Anti-HMGB3 Rabbit Polyclonal Antibody

Synonyms: HMG4, HMG-4, HMG2A, HMG-2a

UNIPROT ID: O15347 (Gene Accession - NP_005333)

Background: High-mobility group protein B3 is a protein that in humans is encoded by the HMGB3 gene. HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 and HMG2, HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription.

Immunogen: Synthetic peptide of human HMGB3

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

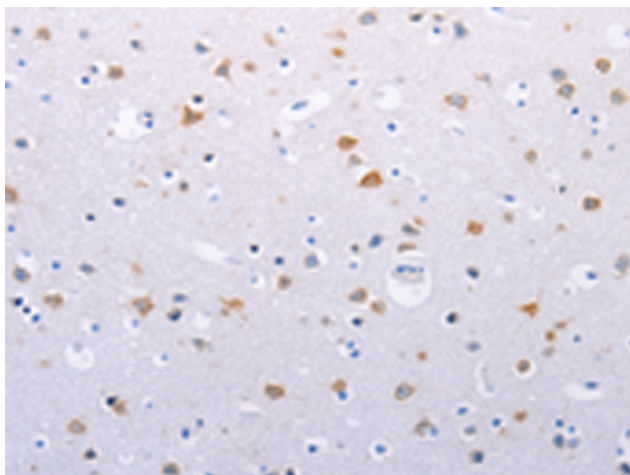
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

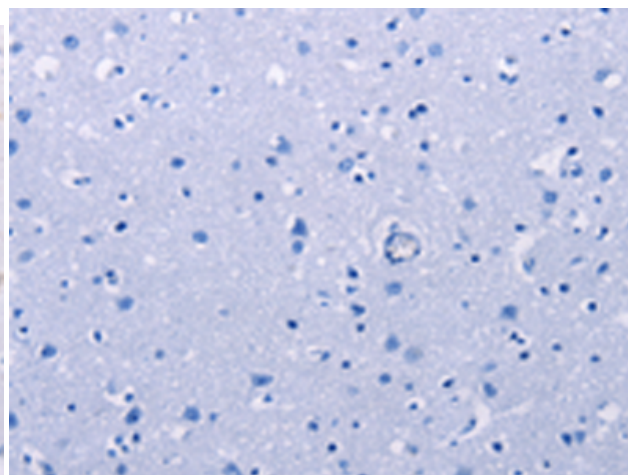
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

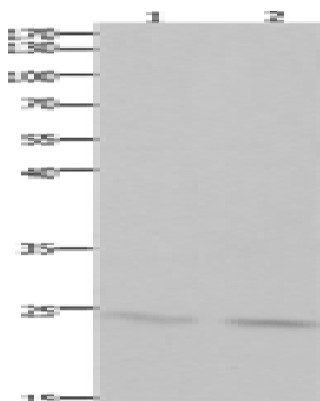
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 219853(HMGB3 Antibody) at a dilution of 1/30(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 219853(Anti-HMGB3 Antibody) at dilution 1/30.



Gel: 10%SDS-PAGE, Lysate: 30 μ g;
Lane 1-2: Mouse lung tissue, Mouse brain tissue;
Primary antibody: 219853(HMGB3 Antibody) at dilution 1/700;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 1.5 minutes