

ZNF131 RABBIT PAB

Cat.#: S218232

Product Name: Anti-ZNF131 Rabbit Polyclonal Antibody

Synonyms: ZBTB35; pHZ-10

UNIPROT ID: P52739 (Gene Accession - BC035875)

Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C2H2-type zinc-finger protein family, ZNF131 (Zinc finger protein 131) is a 623 amino acid nuclear protein that contains one BTB (POZ) domain and six C2H2-type zinc fingers. With predominant expression found in brain, it is likely that ZNF131 plays a role as a transcription regulator during development and organogenesis of the adult central nervous system. ZNF131 also represses ER α (Estrogen receptor alpha)-mediated transactivation by interrupting ER α binding to the estrogen-response element. There are two isoforms of ZNF131 that are produced as a result of alternative splicing events.

Immunogen: Fusion protein of human ZNF131

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

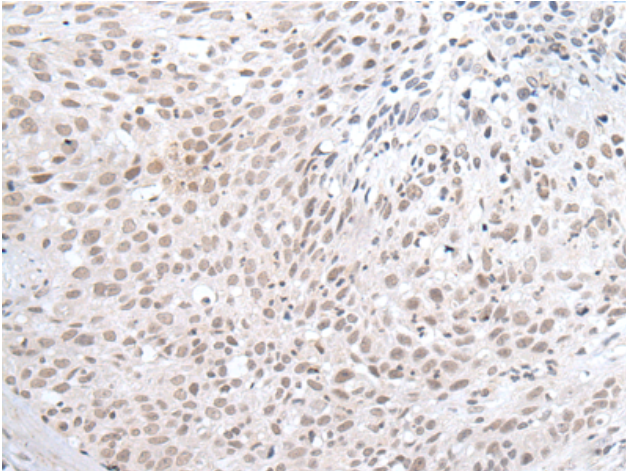
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

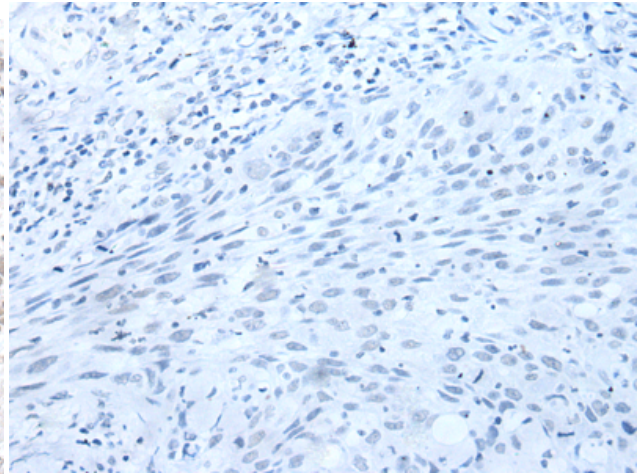
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

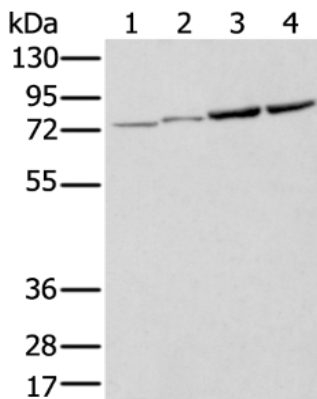
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 218232(ZNF131 Antibody) at a dilution of 1/30(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 218232(Anti-ZNF131 Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-4: Human testis tissue and Rat brain tissue lysates, Jurkat and Hela cell lysates;
Primary antibody: 218232(ZNF131 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 15 seconds