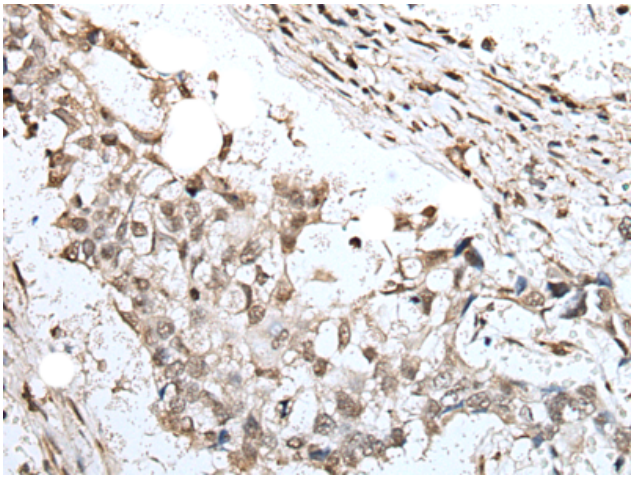
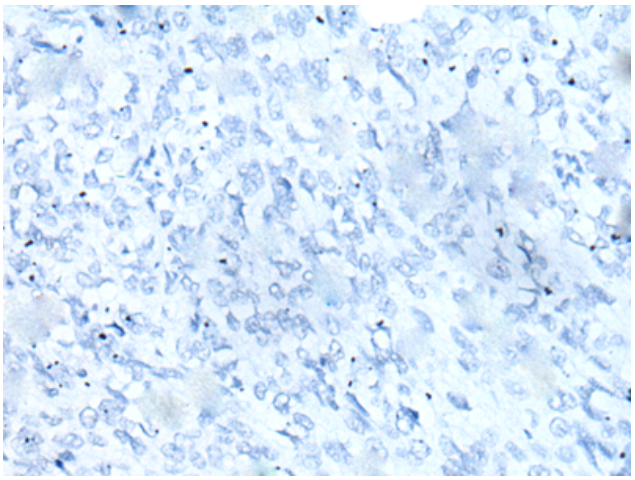
ZNF496 RABBIT PAB

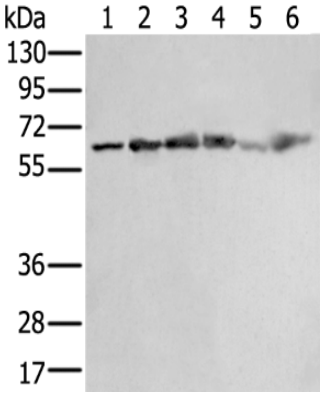
Cat.#: S218254
Product Name: Anti-ZNF496 Rabbit Polyclonal Antibody
Synonyms: NIZP1; ZFP496; ZSCAN49; ZKSCAN17
UNIPROT ID: Q96IT1 (Gene Accession - BC007263)
Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kr□ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF496 (Zinc finger protein 496), also known as ZKSCAN17 or NIZP1, is a 587 amino acid member of the Kr□ppel C2H2-type zinc-finger protein family and is thought to act as a transcriptional repressor. Localized to the nucleus, ZNF496 contains one SCAN box domain, one KRAB domain and five C2H2-type zinc fingers through which it may convey DNA, RNA and protein binding capabilities.
Immunogen: Fusion protein of human ZNF496
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
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 218254(ZNF496 Antibody) at a dilution of 1/30(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 218254(Anti-ZNF496 Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-6: RAW264.7, SP20, A431, HEPG2, NIH/3T3 and 293T cell lysates;
Primary antibody: 218254(ZNF496 Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 3 seconds