

## ZBTB3 ? RABBIT PAB

**Cat.#:** S213316

**Product Name:** Anti-ZBTB3 Rabbit Polyclonal Antibody

**Synonyms:**

**UNIPROT ID:** Q9H5J0 (Gene Accession - NP\_079060 )

**Background:** The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (POxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. ZBTB3 (zinc finger and BTB domain containing 3) is a 574 amino acid protein that contains one BTB (POZ) domain and two C2H2-type zinc fingers. Localized to the nucleus, ZBTB3 is thought to play a role in transcriptional regulation events. The gene encoding ZBTB3 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome.

**Immunogen:** Synthetic peptide of human ZBTB3

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

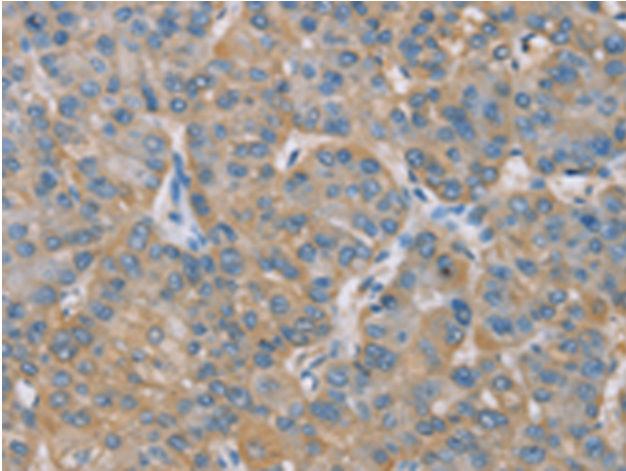
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

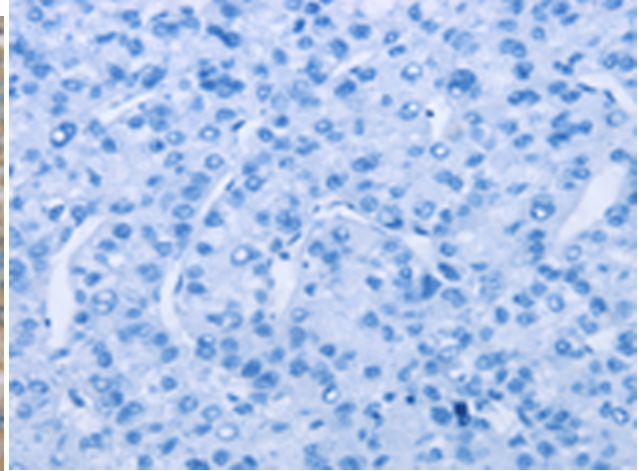
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

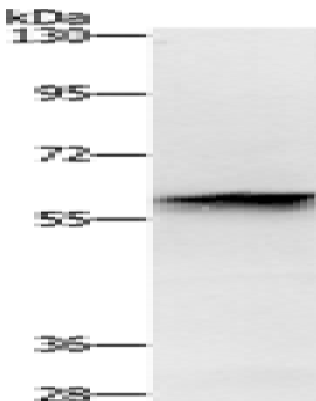
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 213316(ZBTB3 Antibody) at a dilution of 1/50(Cytoplasm ).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 213316(Anti-ZBTB3 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: HepG2 cells;  
Primary antibody: 213316(ZBTB3 Antibody) at dilution 1/500;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 10 seconds