

## RBFOX1 RABBIT PAB

**Cat.#:** S220257

**Product Name:** Anti-RBFOX1 Rabbit Polyclonal Antibody

**Synonyms:** 2BP1; FOX1; A2BP1; FOX-1; HRNBPI

**UNIPROT ID:** Q9NWB1 (Gene Accession - NP\_001135805 )

**Background:** The Fox-1 family of RNA-binding proteins is evolutionarily conserved, and regulates tissue-specific alternative splicing in metazoa. Fox-1 recognizes a (U)GCAUG stretch in regulated exons or in flanking introns. The protein binds to the C-terminus of ataxin-2 and may contribute to the restricted pathology of spinocerebellar ataxia type 2 (SCA2). Ataxin-2 is the product of the SCA2 gene which causes familial neurodegenerative diseases. Fox-1 and ataxin-2 are both localized in the trans-Golgi network. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Synthetic peptide of human RBFOX1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

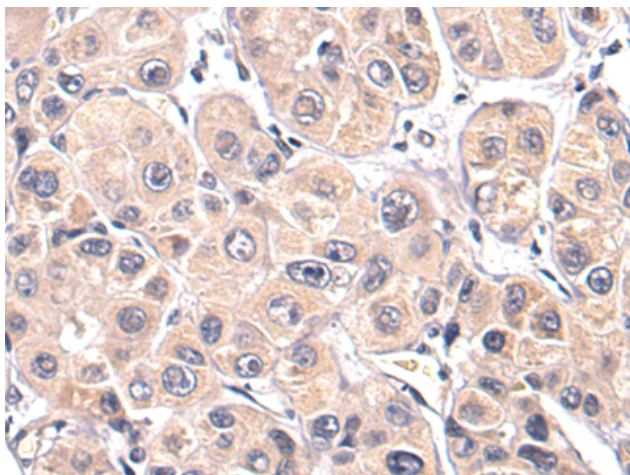
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

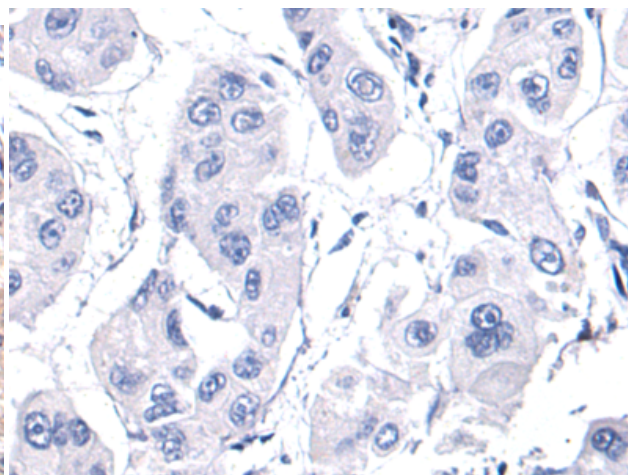
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Neuroscience, Developmental Biology

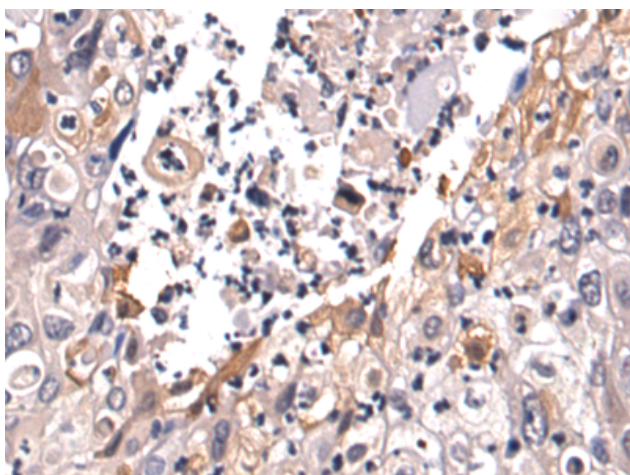
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



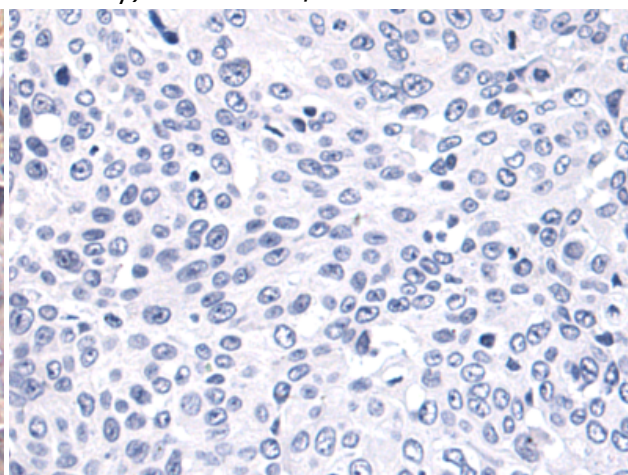
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220257(RBFOX1 Antibody) at a dilution of 1/50(Cytoplasm).



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 220257(Anti-RBFOX1 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human bladder cancer tissue using 220257(Anti-RBFOX1 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human bladder cancer tissue is first treated with synthetic peptide and then with D261214(Anti-RBFOX1 Antibody) at dilution 1/50.