

## OTX1 RABBIT PAB

**Cat.#:** S218657

**Product Name:** Anti-OTX1 Rabbit Polyclonal Antibody

**Synonyms:**

**UNIPROT ID:** P32242 (Gene Accession - BC007621)

**Background:** This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mouse is required for proper brain and sensory organ development and can cause epilepsy. Alternative splicing results in multiple transcript variants.

**Immunogen:** Fusion protein of human OTX1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 20-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

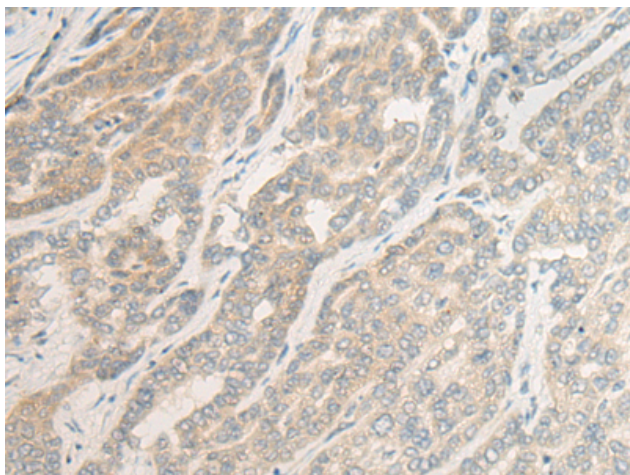
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

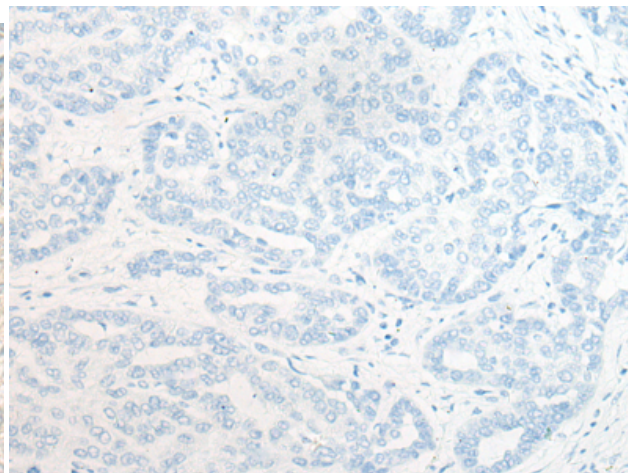
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

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

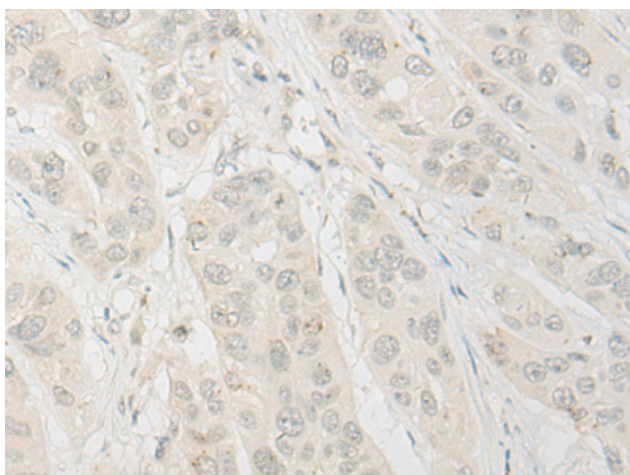
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



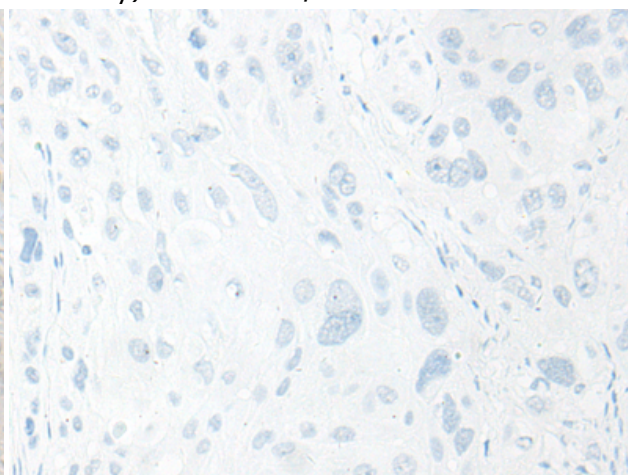
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218657(OTX1 Antibody) at a dilution of 1/20(Cytoplasm or Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218657(Anti-OTX1 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 218657(Anti-OTX1 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D224879(Anti-OTX1 Antibody) at dilution 1/20.