

## CHURC1 RABBIT PAB

**Cat.#:** S221736

**Product Name:** Anti-CHURC1 Rabbit Polyclonal Antibody

**Synonyms:** chch; My015; C14orf52

**UNIPROT ID:** Q8WUH1 (Gene Accession - NP\_001190992 )

**Background:** CHURC1, also known as protein Churchill, is a 112 amino acid protein that plays a critical role in neural induction during embryogenesis. The fibroblast growth family of proteins (FGFs) has been identified as necessary factors in mesoderm formation and neural induction. CHURC1, a putative zinc finger protein, is a transcriptional activator that mediates FGF signaling. Furthermore, CHURC1 is thought to play a role in the regulation of cell movement. Although CHURC1 does not bind to DNA, it functions as a transcriptional regulator and a protein-interaction factor. Two isoforms of CHURC1 exist as a result of alternative splicing events.

**Immunogen:** Synthetic peptide of human CHURC1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

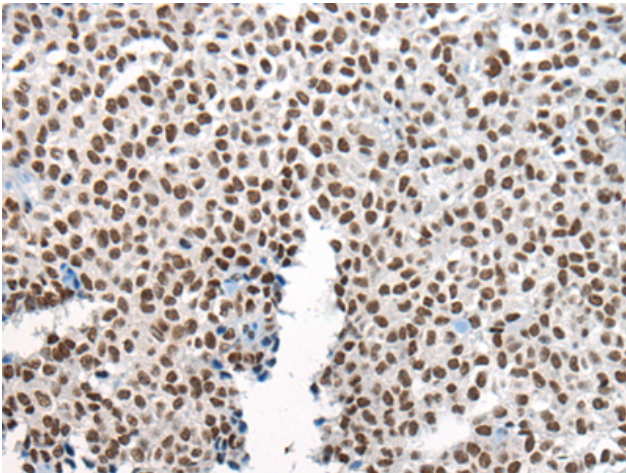
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

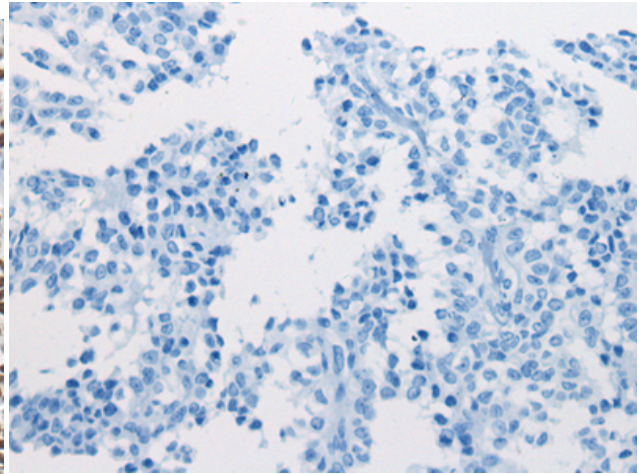
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Epigenetics and Nuclear Signaling, Neuroscience

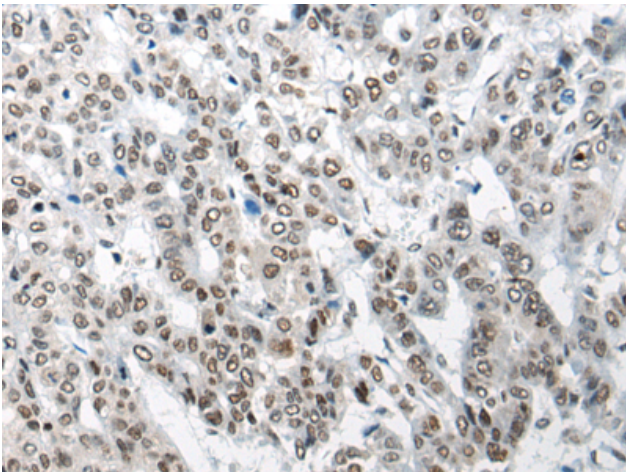
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



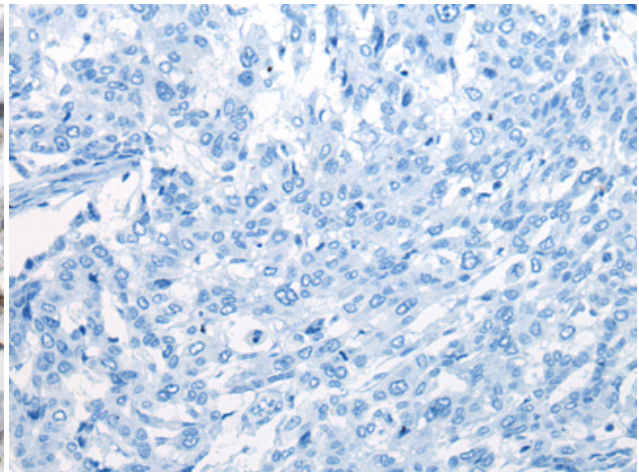
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 221736(CHURC1 Antibody) at a dilution of 1/25(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 221736(Anti-CHURC1 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 221736(Anti-CHURC1 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D263461(Anti-CHURC1 Antibody) at dilution 1/25.