

## CANX RABBIT PAB

**Cat.#:** S215173

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

**Synonyms:** CNX; P90; IP90

**UNIPROT ID:** P27824 (Gene Accession - NP\_001737 )

**Background:** This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding different isoforms have been described.

**Immunogen:** Synthetic peptide of human CANX

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

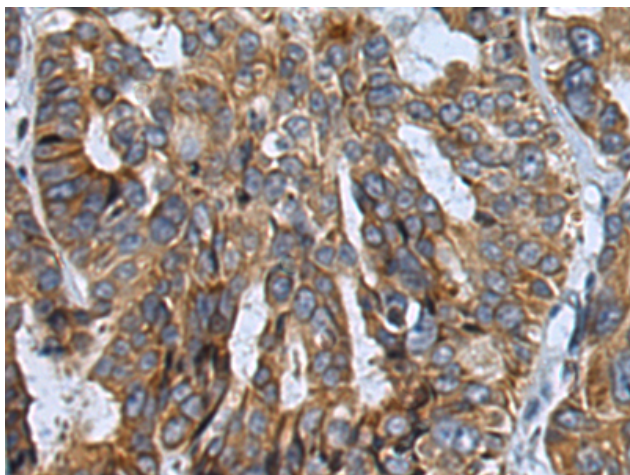
**Purification:** Antigen affinity purification

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

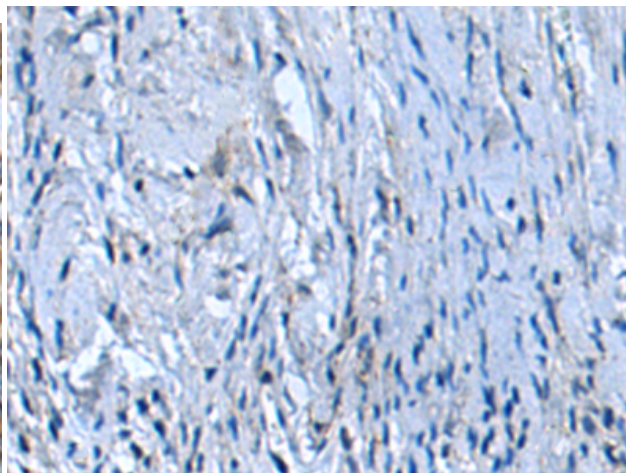
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

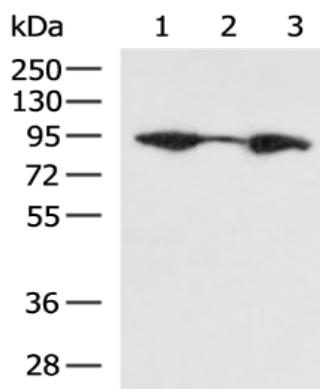
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 215173(CANX Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 215173(Anti-CANX Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
 Lane 1-3: LNCAP cell, Mouse heart tissue, HUVEC cell lysates;  
 Primary antibody: 215173(CANX Antibody) at dilution 1/1000;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 30 seconds