

## ANXA7 RABBIT PAB

**Cat.#:** S216247

**Product Name:** Anti-ANXA7 Rabbit Polyclonal Antibody

**Synonyms:** SN,x ANX7, SYNEXIN

**UNIPROT ID:** P20073 (Gene Accession - BC002632 )

**Background:** Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. The Annexin VII gene contains 14 exons and spans approximately 34 kb of DNA. An alternatively spliced cassette exon results in two mRNA transcripts of 2.0 and 2.4 kb which are predicted to generate two protein isoforms differing in their N-terminal domain. The alternative splicing event is tissue specific and the mRNA containing the cassette exon is prevalent in brain, heart and skeletal muscle. The transcripts also differ in their 3'-non coding regions by the use of two alternative poly(A) signals. Annexin VII encodes a protein with a molecular weight of approximately 51 kDa with a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophilic segments. Structural analysis of the protein suggests that Annexin VII is a membrane binding protein with diverse properties, including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion.

**Immunogen:** Fusion protein of human ANXA7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 150-300; ELISA: 1000-8000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

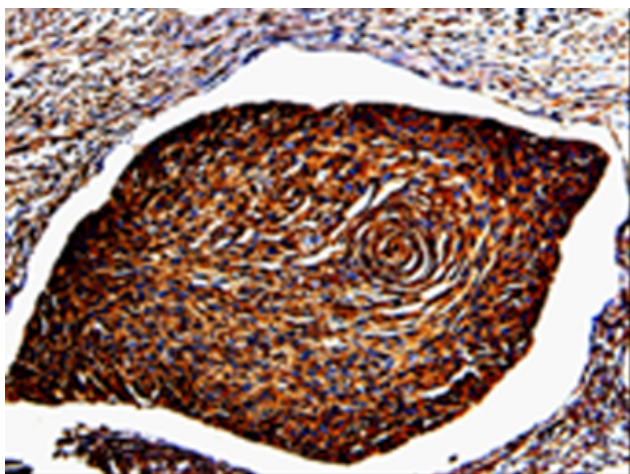
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

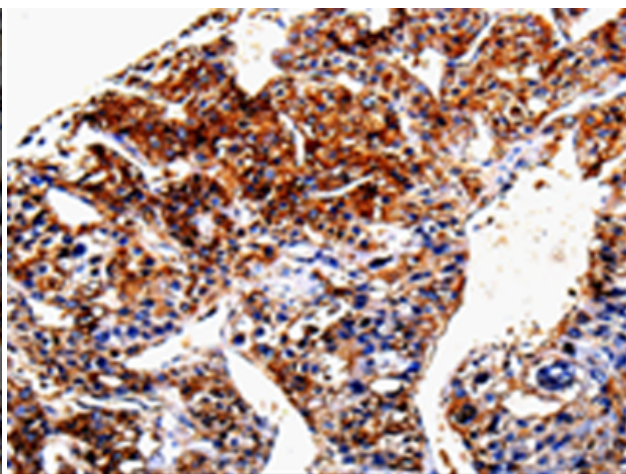
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

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



Immunohistochemistry analysis of paraffin-embedded Human cervical cancer tissue using 216247(ANXA7 Antibody) at a dilution of 1/150(Cytoplasm, Cell membrane).



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 216247(Anti-ANXA7 Antibody) at a dilution of 1/150.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

---