

Anti-ANXA7 Antibody

CATALOG NO.: A1750-100 100 µl.

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: Annexin A7, Annexin VII, SNX, Synexin.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.9 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human ANXA7.

PURIFICATION: Affinity purification.

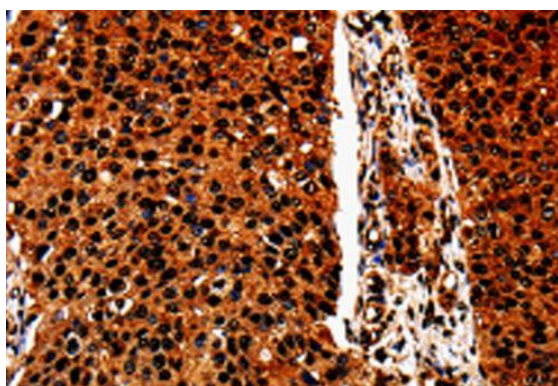
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

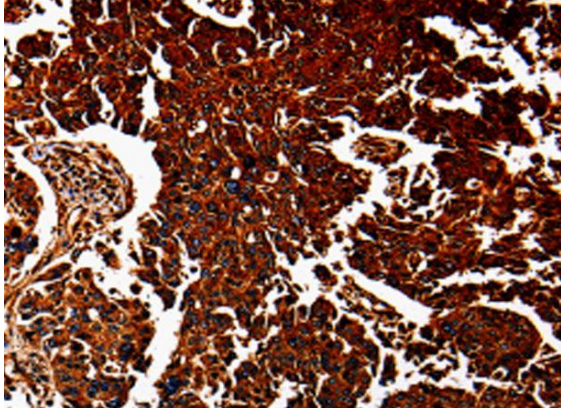
SPECIES REACTIVITY: Mouse.
Human.

STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles.

APPLICATIONS AND USAGE: IHC 1:50-1:200.



: IHC staining of paraffin-embedded Human renal cancer tissue using Anti-ANXA7 Antibody.



: IHC staining of paraffin-embedded Human lung cancer tissue using Anti-ANXA7 Antibody.

RELATED PRODUCTS:

- SNX-2112 (B2211).
- Annexin VIII Antibody (3637R).
- Annexin V Antibody (3357).
- Annexin VIII Polyclonal Antibody (3637)

FOR RESEARCH USE ONLY! Not to be used on humans.