

Annexin VII antibody

Catalog No: #22913

Orders: order@signalwayantibody.com

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Description

| | |
|-----------------------|---|
| Product Name | Annexin VII antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Purified by antigen-affinity chromatography. |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Immunogen Type | Recombinant protein |
| Immunogen Description | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 122 and 429 of Human ANXA7 |
| Target Name | Annexin VII |
| Other Names | ANX7 |
| Accession No. | Swiss-Prot:P20073Gene ID:310 |
| Uniprot | P20073 |
| GeneID | 310; |
| Concentration | 0.3mg/ml |
| Formulation | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

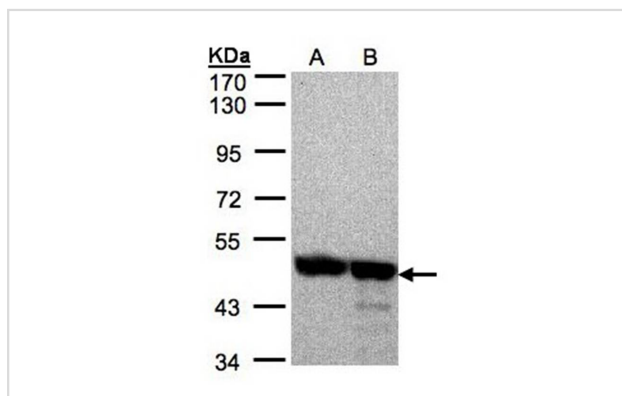
Application Details

Predicted MW: 53kd

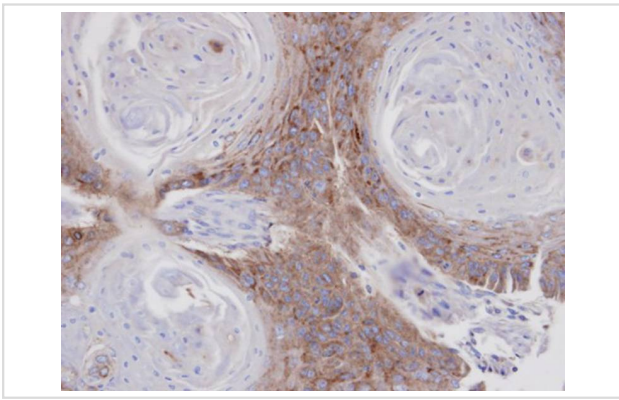
Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images



Sample(30 ug of whole cell lysate)
A: 293T
B: A431
7.5% SDS PAGE
Primary antibody diluted at 1: 2000



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using ANXA7 antibody at 1: 100 dilution.

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. [provided by RefSeq]

Note: This product is for in vitro research use only