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## anti-Annexin VII antibody (N-Term)



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Publication



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| Quantity:            | 100 μL                                     |
|----------------------|--|
| Target:              | Annexin VII (ANXA7)                        |
| Binding Specificity: | N-Term                                     |
| Reactivity:          | Human, Goat                                |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This Annexin VII antibody is un-conjugated |
| Application:         | Western Blotting (WB)                      |

## **Product Details**

| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human ANXA7                                      |
|-----------------------|---|
| Sequence:             | GGQMPSQYPG GQPTYPSQPA TVTQVTQGTI RPAANFDAIR DAEILRKAMK  |
| Predicted Reactivity: | Goat: 83%, Human: 100%  |
| Characteristics:      | This is a rabbit polyclonal antibody against ANXA7. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Protein A purified  |

## **Target Details**

| Target:           | Annexin VII (ANXA7)    |
|-------------------|------------------------|
| Alternative Name: | ANXA7 (ANXA7 Products) |

## **Target Details**

| 9                   |  |
|---------------------|--|
| Background:         | Annexin A7 is a member of the annexin family of calcium-dependent phospholipid binding         |
|                     | proteins. The Annexin A7 gene contains 14 exons and spans approximately 34 kb of DNA.          |
|                     | Structural analysis of the protein suggests that Annexin A7 is a membrane binding protein with |
|                     | diverse properties including voltage-sensitive calcium channel activity, ion selectivity and   |
|                     | membrane fusion.   |
|                     | Alias Symbols: SNX, ANX7, SYNEXIN  |
|                     | Protein Interaction Partner: UBC, PAX8, ATP4A, SRC, Prkcb, Prkcg, Prkca, PRKG1, PRKACA, VCP,   |
|                     | ANXA4, CUL4B, CUL5, ALG2, ELAVL1, CCDC90B, WDR18, LRIF1, OTUB1, CPSF3L, SEMA5B,                |
|                     | INPP5K, ACTL6B, CSAD, SDF4, MED31, TAF5L, TRMT2A, TUBB2B, CPNE2, ZNF431, KLHL23,               |
|                     | DOCK7, WDR73, FBN3, RBM48, ADA   |
|                     | Protein Size: 466  |
| Molecular Weight:   | 51 kDa   |
| Gene ID:            | 310  |
| NCBI Accession:     | NM_001156, NP_001147   |
| UniProt:            | Q5T0M6   |
| Application Details |  |
| Application Notes:  | Optimal working dilutions should be determined experimentally by the investigator.             |
| Comment:            | Antigen size: 466 AA   |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Concentration:      | Lot specific   |
| Buffer:             | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %     |
|                     | sucrose.   |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                  |
|                     | should be handled by trained staff only.   |
| Handling Advice:    | Avoid repeated freeze-thaw cycles.   |
| Storage:            | -20 °C   |
|                     |  |

### Handling

Storage Comment:

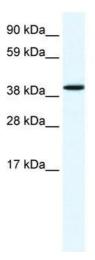
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Publications**

Product cited in:

Storrs, Silverstein: "PATJ, a tight junction-associated PDZ protein, is a novel degradation target of high-risk human papillomavirus E6 and the alternatively spliced isoform 18 E6." in: **Journal of virology**, Vol. 81, Issue 8, pp. 4080-90, (2007) (PubMed).

### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-ANXA7 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver