

Datasheet for ABIN2774844
anti-Annexin VII antibody (N-Term)[Go to Product page](#)**1** Image**1** Publication

Overview

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

Background:	<p>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.</p> <p>Alias Symbols: SNX, ANX7, SYNEXIN</p> <p>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</p> <p>Protein Size: 466</p>
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