

Datasheet for ABIN6136932
anti-Annexin IV antibody (AA 112-321)



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1 Image

Overview

Quantity:	100 µL
Target:	Annexin IV (ANXA4)
Binding Specificity:	AA 112-321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin IV antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 112-321 of human Annexin A4/Annexin IV (NP_001144.1).
Sequence:	IEILASRTPE EIRRISQTYQ QQYGRSLEDD IRSDTSFMFQ RVLVSLSAGG RDEGNYLDDA LVRQDAQDLY EAGEKKWGTD EVKFLTVLCS RNRNHLLHVF DEYKRISQKD IEQSIKSETS GSFEDALLAI VKCMRNKSAY FAEKLYKSMK GLGTDDNTLI RVMVSRAEID MLDIRAHFKR LYGKSLYSFI KGDTSGDYRK VLLVLCGGDD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Annexin IV (ANXA4)
Alternative Name:	ANXA4 (ANXA4 Products)
Background:	<p>Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59 % identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. Several transcript variants encoding different isoforms have been found for this gene.,ANXA4,ANX4,HEL-S-274,P32.5,PAP-II,PIG28,PP4-X,ZAP36,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Cell Adhesion,Annexins,Cytoskeleton,Neuroscience,Calcium Signaling,Cardiovascular,Blood,Coagulation,ANXA4</p>
Molecular Weight:	27 kDa/35 kDa
Gene ID:	307
UniProt:	P09525

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ANXA4 antibody.

