

Datasheet for ABIN2774909
anti-Annexin IV antibody (N-Term)

4 Images

2 Publications

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Overview

Quantity:	100 µL
Target:	Annexin IV (ANXA4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin IV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ANXA4
Sequence:	GLGTDEDAII SVLAYRNTAQ RQEIRTAYKS TIGRDLIDDL KSELSGNFEQ
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ANXA4. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	Annexin IV (ANXA4)
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Target Details

Alternative Name:	ANXA4 (ANXA4 Products)
Background:	<p>Annexin A4 (ANXA4) 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. ANXA4 has 45 to 59 % identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANXA4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANXA4 is almost exclusively expressed in epithelial cells.</p> <p>Alias Symbols: ANX4, PIG28, ZAP36</p> <p>Protein Interaction Partner: PADI4, UBC, EZH2, DNAJB11, MPST, ANXA7, ANXA3, ANXA1, TINF2, POT1, SUMO2, NMT2, SMPD1, Cdk1, UCHL5, H2AFX, NFKB1, GP2,</p> <p>Protein Size: 321</p>
Molecular Weight:	35 kDa
Gene ID:	307
NCBI Accession:	NM_001153 , NP_001144
UniProt:	Q6LES2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 321 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.

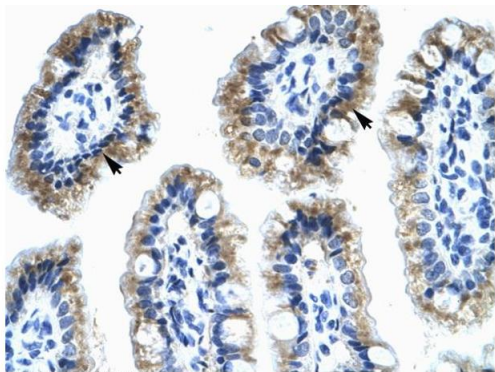
Handling

Storage:	-20 °C
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:	Small, Seman, Castator, Brown, Liggett: "False positive non-synonymous polymorphisms of G-protein coupled receptor genes." in: FEBS letters , Vol. 516, Issue 1-3, pp. 253-6, (2002) (PubMed).
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Images



Rabbit Anti-ANXA4 Antibody
Catalog Number: ARP36686
Lot Number: QC5714
Paraffin Embedded Tissue: Human Intestine
Cells with Positive label: Epithelial cells of intestinal villus(Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

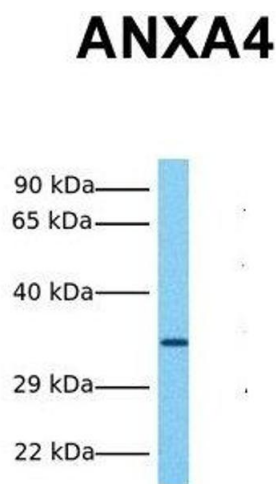
Immunohistochemistry

Image 1. Human Intestine



Western Blotting

Image 2. WB Suggested Anti-ANXA4 Antibody Titration:
1.25ug/ml ELISA Titer: 1:1562500 Positive Control: Human Placenta



Western Blotting

Image 3. Host: Rabbit Target Name: ANXA4 Sample Tissue:
Human Fetal Liver Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2774909.