Datasheet for ABIN630249

anti-Annexin IV antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	Annexin IV (ANXA4)
Binding Specificity:	N-Term
Reactivity:	Chemical
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin IV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Annexin A4 antibody was raised using the N terminal of ANXA4 corresponding to a region with amino acids GLGTDEDAIISVLAYRNTAQRQEIRTAYKSTIGRDLIDDLKSELSGNFEQ
Specificity:	Annexin A4 antibody was raised against the N terminal of ANXA4
Cross-Reactivity:	Human, Rat (Rattus), Dog (Canine)
Purification:	Purified

Target Details

Target:	Annexin IV (ANXA4)
Alternative Name:	Annexin A4 (ANXA4 Products)
Target Type:	Chemical

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Target Details

Background:	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.
Molecular Weight:	35 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Annexin A4 Blocking Peptide, catalog no. 33R-3396, is also available for use as a blocking control in assays to test for specificity of this Annexin A4 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ANXA4 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

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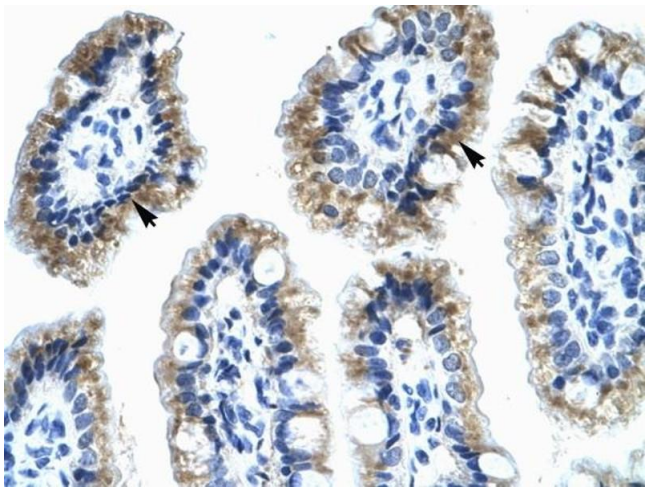

Immunohistochemistry

Image 1. Annexin A4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of intestinal villus (Indicated with Arrows) in Human Intestine. Magnification is at 400X

Western Blotting

Image 2. Annexin A4 antibody used at 1.25 ug/ml to detect target protein.

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