

Datasheet for ABIN630249  
**anti-Annexin IV antibody (N-Term)**



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2 Images

## 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 GLGTDEDAIISVLAYRNTAQRQEIRTAYKSTIGRDLIDDLKSELSEGNFEQ
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 ( <a href="#">ANXA4 Products</a> )
Target Type:	Chemical

## Target Details

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**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.

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**Molecular Weight:** 35 kDa (MW of target protein)

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## Application Details

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**Application Notes:** WB: 1.25 µg/mL, IHC: 4-8 µg/mL  
Optimal conditions should be determined by the investigator.

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**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

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Lyophilized

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**Reconstitution:** Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ANXA4 antibody in PBS

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**Concentration:** Lot specific

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**Buffer:** PBS

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**Handling Advice:** Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

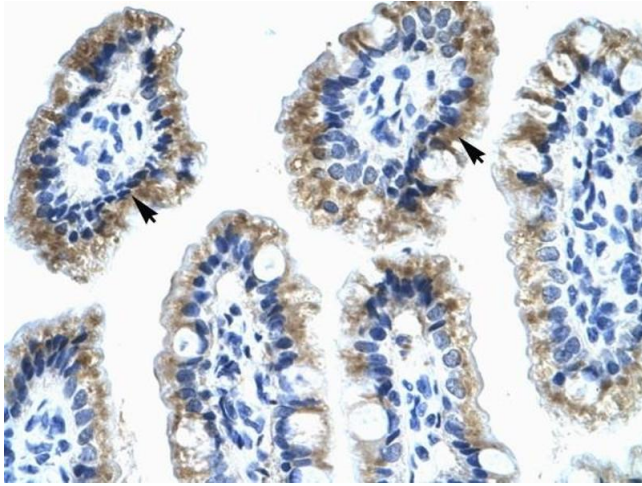
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**Storage:** 4 °C/-20 °C

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**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.