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Datasheet for ABIN2774839

## anti-Annexin A3 antibody (N-Term)

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### Overview

Quantity:	100 µL
Target:	Annexin A3 (ANXA3)
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin A3 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 ANXA3
Sequence:	MASIWVGHRG TVRDYPDFSP SVDAEAIQKA IRGIGTDEKM LISILTERSN
Predicted Reactivity:	Dog: 79%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against ANXA3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

### Target Details

Target:	Annexin A3 (ANXA3)
Alternative Name:	ANXA3 ( <a href="#">ANXA3 Products</a> )

## Target Details

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Background:	<p>The ANXA3 gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.</p> <p>Alias Symbols: ANX3</p> <p>Protein Interaction Partner: UBC, ATF2, SNAP23, STXB2, STX4, ANXA11, ANXA4, ISG15, EMG1, IGSF21, UBR1, UNC119, TP53, REG3A,</p> <p>Protein Size: 323</p>
Molecular Weight:	36 kDa
Gene ID:	306
NCBI Accession:	<a href="#">NM_005139</a> , <a href="#">NP_005130</a>
UniProt:	<a href="#">P12429</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 323 AA
Restrictions:	For Research Use only

## Handling

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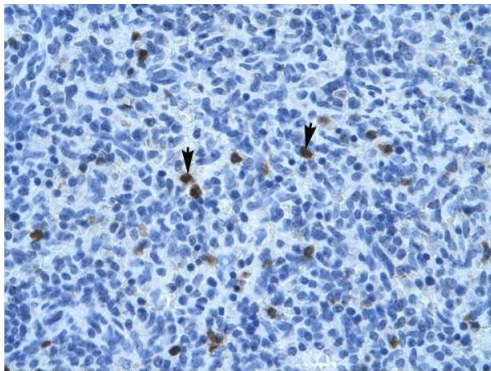
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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: Harden, Perez-Carrion, Babakordi, Plummer, Hepburn, Barker, Wright, Evans, Corfe: "Evaluation of the salivary proteome as a surrogate tissue for systems biology approaches to understanding appetite." in: **Journal of proteomics**, Vol. 75, Issue 10, pp. 2916-23, (2012) ([PubMed](#)).

## Images



Rabbit Anti-ANXA3 Antibody  
Catalog Number: ARP36578  
Lot Number: QC5521  
Paraffin Embedded Tissue: Human Spleen  
Cells with Positive label: Spleen cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

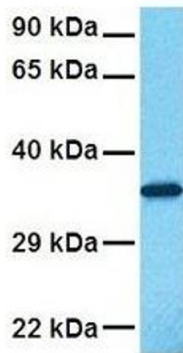
**Image 1.** Human Spleen



### Western Blotting

**Image 2.** WB Suggested Anti-ANXA3 Antibody Titration:  
1.25ug/ml ELISA Titer: 1:62500 Positive Control: Human Placenta

# ANXA3



## Western Blotting

**Image 3.** Host: Rabbit Target Name: ANXA3 Sample Tissue:  
Human Fetal Lung Antibody Dilution: 1.0ug/ml