

Datasheet: OBT1388

Description:	GOAT ANTI HUMAN ANNEXIN II (N-TERMINAL)
Specificity:	ANNEXIN II (N-TERMINAL)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/4000
Western Blotting	▪			1 ug/ml - 3 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

Based on sequence similarity, is expected to react with: Rat, Bovine, Pig

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to human Annexin II was raised by repeated immunisation of goats with highly purified antigen. Purified IgG prepared by affinity chromatography

Buffer Solution

TRIS buffered saline

Preservative Stabilisers

0.02% Sodium Azide (NaN₃)

0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Peptide sequence STVHEILCKLSLEGD corresponding to the N-terminal region of Annexin II (NP_001002858.1; NP_004030.1; NP_001002857.1).
External Database Links	<p>UniProt: P07355 Related reagents</p> <p>Entrez Gene: 302 ANXA2 Related reagents</p>
Synonyms	ANX2, ANX2L4, CAL1H, LPC2D
RRID	AB_2057321
Specificity	Goat anti Human Annexin II (N-Terminal) antibody recognizes an epitope within the N terminal (NT) region of Annexin II, a member of a family of structurally related calcium binding proteins implicated in mediating the the intracellular action of calcium. Cellular levels of annexin II mRNA and protein are strictly regulated during the mammalian cell cycle with maximal expression as cells enter S-phase.
Western Blotting	OBT1388 detects a band of approximately 35 kDa in A431 and A549 cell lysates
References	1. Xie, R. <i>et al.</i> (2012) Phagocytosis by macrophages and endothelial cells inhibits procoagulant and fibrinolytic activity of acute promyelocytic leukemia cells. Blood. 119 (10): 2325-34.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/OBT1388 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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