

Datasheet: VPA00011

Description:	RABBIT ANTI ANNEXIN II
Specificity:	ANNEXIN II
Other names:	Lipocortin II
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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	▪			
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse, Rat</p> <p>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.</p>
Product Form	Purified IgG - liquid.
Preparation	Rabbit polyclonal antibody purified by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	6x His-tagged full-length recombinant human ANXA2
External Database Links	<p>UniProt: P07355 Related reagents</p> <p>Entrez Gene: 302 ANXA2 Related reagents</p>
Synonyms	ANX2, ANX2L4, CAL1H, LPC2D
Specificity	<p>Rabbit anti Human annexin II antibody recognizes human annexin II also known as annexin A2 (ANXA2), lipocortin 2, chromobindin-8 or placental anticoagulant protein IV. Annexin II is a 339 amino acid secreted protein containing 4 annexin repeats. Annexin II is a pleiotropic calcium-dependent phospholipid-binding protein and member of the annexin family, abundantly expressed in a variety of tissues including the brain, spleen, kidney and placenta. The protein can exist in a monomer, heterodimer or heterotetramer form.</p> <p>Annexin II acts as an autocrine factor, enhancing the formation of osteoclasts and resorption of bone, and is implicated in both exocytosis and endocytosis. Annexin II is a substrate for both tyrosine and serine/threonine kinases, and is phosphorylated following growth factor stimulation and cellular activation by viral transformation (Brambilla et al. 1991).</p> <p>Rabbit anti Human annexin II antibody recognizes annexin II as a single band of ~39 kDa in A549 cell line lysates by western blotting under reducing conditions. It also cross reacts with rodent cell line lysates tested.</p>
Western Blotting	Anti annexin II antibody detects a band of approximately 39 kDa in A549 cell lysates.
Further Reading	1. Moss, S.E. & Morgan, R.O. (2004) The annexins. Genome Biol. 5 (4): 219.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00011 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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

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