

Datasheet: PHP227

Description:	RECOMBINANT HUMAN ANNEXIN II
Name:	ANNEXIN II
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	25 µg

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 - 5ug/lane

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
Product Form	Purified recombinant protein - liquid
Preparation	Purified recombinant 6xHis-tagged ANXA2 expressed in <i>E.coli</i>
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	0.1 mg/ml

External Database Links

UniProt:
[P07355](https://www.uniprot.org/entry/P07355) [Related reagents](#)

Entrez Gene:

Synonyms	ANX2, ANX2L4, CAL1H, LPC2D
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Product Information	Annexin II (ANXA2), otherwise known as Lipocortin II, is a pleiotropic calcium-dependent phospholipid-binding protein and member of the annexin family, which acts as an autocrine factor, enhancing the formation of osteoclasts and resorption of bone, and is implicated in both exocytosis and endocytosis. ANXA2 is a substrate for both tyrosine and serine/threonine kinases, and is phosphorylated following growth factor stimulation and cellular activation by viral transformation.
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Protein Molecular Weight	41.3 kDa (361 amino acid residues with tag)
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References	1. Lee, J. <i>et al.</i> (2021) Data on G-quadruplex topology, and binding ability of G-quadruplex forming sequences found in the promoter region of biomarker proteins and those relations to the presence of nuclear localization signal in the proteins. Data Brief. 36: 107028.
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Storage	Store at -70°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Acknowledgements	His-tag is a registered trademark of EMD Biosciences.
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Health And Safety Information	Material Safety Datasheet documentation #10209 available at: 10209: https://www.bio-rad-antibodies.com/uploads/MSDS/10209.pdf
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Regulatory	For research purposes only
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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](https://www.bio-rad-antibodies.com/datasheets)

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