

Product datasheet for **AP23249PU-N**

Annexin A1 (ANXA1) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:1000; Incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1× TBS, 0.05% Tween-20 at 4°C with gentle shaking, overnight.
Reactivity:	Canine, Human, Monkey
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptides (KLH-coupled) corresponding to residues within the aminoterminal residues of human annexin A1
Specificity:	This antibody detects endogenous levels of total annexin A1 protein.
Formulation:	State: Aff - Purified
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	annexin A1
Database Link:	Entrez Gene 702946 Monkey Entrez Gene 301 Human P04083



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Background:	<p>The annexin superfamily consists of 13 calcium or calcium and phospholipid binding proteins with high biological and structural homology. Annexin-1 (ANXA1) is the first characterized member of the annexin family of proteins able to bind to cellular membranes in a calcium-dependent manner which promotes membrane fusion and is involved in endocytosis. Annexin A1 has anti-inflammatory properties and inhibits phospholipase A2 activity. Annexin A1 can accumulate on internalized vesicles after EGF-stimulated endocytosis, suggesting that it may be required for a late stage in inward vesiculation. Phosphorylation by PKC, EGFR and Chak1 results in inhibition of annexin A1 function. Annexin A1 has also been identified as one of the 'eat-me' signals on apoptotic cells to be recognised and ingested by phagocytes. Annexin A1, as an endogenous anti-inflammatory mediator, has roles in many diverse cellular functions, such as membrane aggregation, inflammation, phagocytosis, proliferation, apoptosis, and tumorigenesis and cancer development.</p>
Synonyms:	ANX1, LPC1, Annexin-1, Annexin I, Lipocortin I, Calpactin II, Chromobindin-9, p35
Note:	Molecular weight: 35 kDa
Protein Families:	Druggable Genome