

**Annexin A2 Rabbit mAb**  
**Catalog # AP75078****Specification**

---

**Annexin A2 Rabbit mAb - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">P07355</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	38604

**Annexin A2 Rabbit mAb - Additional Information****Gene ID** 302**Other Names**  
ANXA2**Dilution**  
WB~~1/500-1/1000  
ICC~~N/A**Format**  
Liquid**Annexin A2 Rabbit mAb - Protein Information****Name** ANXA2**Synonyms** ANX2, ANX2L4, CAL1H, LPC2D**Function**

Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response. Inhibits PCSK9-enhanced LDLR degradation, probably reduces PCSK9 protein levels via a translational mechanism but also competes with LDLR for binding with PCSK9 (PubMed:<a href="http://www.uniprot.org/citations/18799458" target="\_blank">18799458</a>, PubMed:<a href="http://www.uniprot.org/citations/22848640" target="\_blank">22848640</a>, PubMed:<a href="http://www.uniprot.org/citations/24808179" target="\_blank">24808179</a>). Binds to endosomes damaged by phagocytosis of particulate wear debris and participates in endosomal membrane stabilization, thereby limiting NLRP3 inflammasome activation (By similarity). Required for endothelial cell surface plasmin generation and may support fibrinolytic surveillance and neoangiogenesis (By similarity).

**Cellular Location**

Secreted, extracellular space, extracellular matrix, basement membrane. Melanosome. Note=In the lamina beneath the plasma membrane. Identified by mass spectrometry in melanosome

fractions from stage I to stage IV. Translocated from the cytoplasm to the cell surface through a Golgi-independent mechanism

### Annexin A2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Annexin A2 Rabbit mAb - Images



