

ANXA2 / Annexin A2 Antibody (aa88-137)
Rabbit Polyclonal Antibody
Catalog # ALS17202**Specification**

ANXA2 / Annexin A2 Antibody (aa88-137) - Product Information

Application	WB, IHC-P, E
Primary Accession	P07355
Other Accession	302
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38604
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

ANXA2 / Annexin A2 Antibody (aa88-137) - Additional Information**Gene ID** 302**Other Names**

ANXA2, Annexin A2, Annexin-2, ANX2, Calpactin I heavy chain, Chromobindin-8, CAL1H, Calpactin I heavy polypeptide, Chromobindin 8, LPC2, LIP2, Lipocortin II, p36, LPC2D, PAP-IV, Protein I, Annexin II, ANX2L4, Calpactin-1 heavy chain

Target/Specificity

Annexin II antibody detects endogenous levels of Annexin II.

Reconstitution & Storage

PBS, pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C.

Precautions

ANXA2 / Annexin A2 Antibody (aa88-137) is for research use only and not for use in diagnostic or therapeutic procedures.

ANXA2 / Annexin A2 Antibody (aa88-137) - 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:18799458, PubMed:22848640, PubMed:24808179).

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

Volume

50 μ l

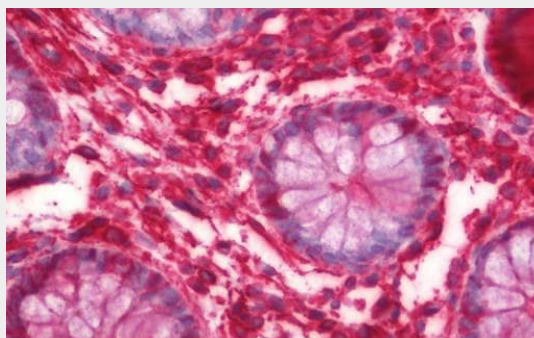
ANXA2 / Annexin A2 Antibody (aa88-137) - Protocols

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

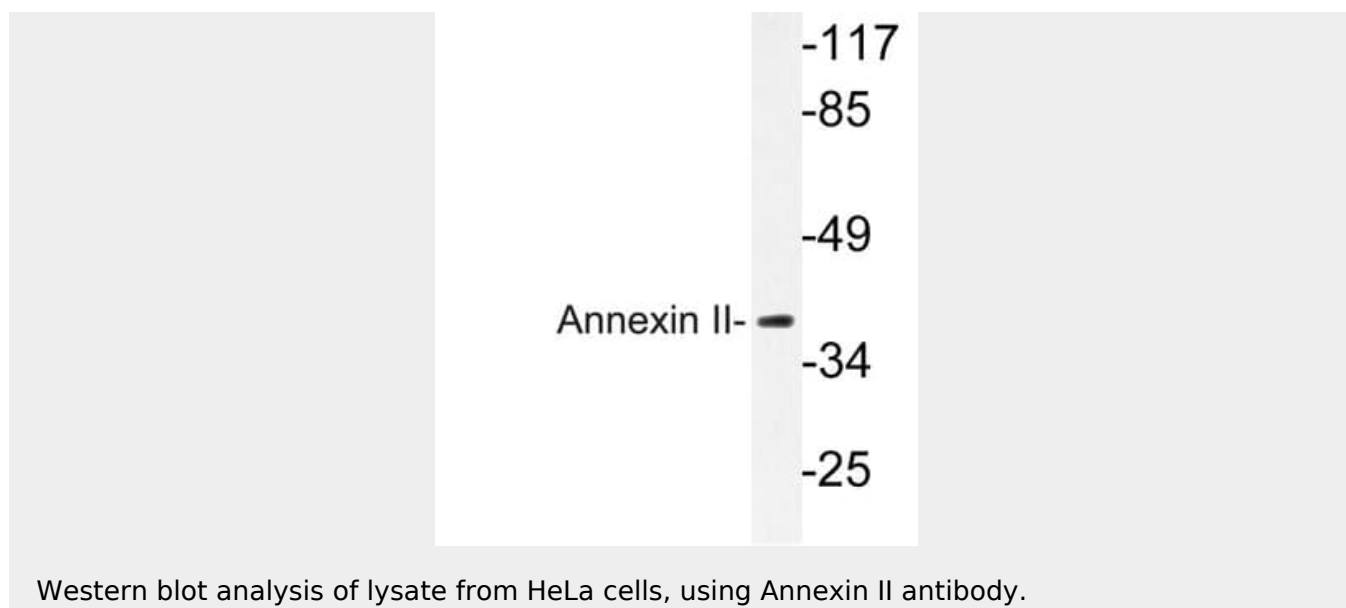
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANXA2 / Annexin A2 Antibody (aa88-137) - Images

Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

**ANXA2 / Annexin A2 Antibody (aa88-137) - Background**

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.

ANXA2 / Annexin A2 Antibody (aa88-137) - References

- Huang K.-S.,et al.Cell 46:191-199(1986).
Spano F.,et al.Gene 95:243-251(1990).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:671-675(2006).