

ANXA2 / Annexin A2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15466**Specification**

ANXA2 / Annexin A2 Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, E
Primary Accession	P07355
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

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

Annexin A2, Annexin II, Annexin-2, Calpactin I heavy chain, Calpactin-1 heavy chain, Chromobindin-8, Lipocortin II, Placental anticoagulant protein IV, PAP-IV, Protein I, p36, ANXA2, ANX2, ANX2L4, CAL1H, LPC2D

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

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

ANXA2 / Annexin A2 Antibody (N-Terminus) - 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

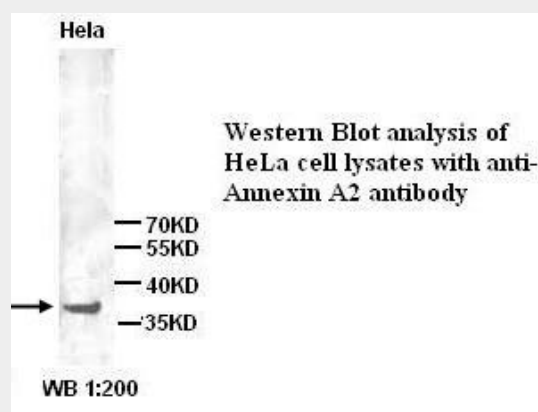
Volume

50 µl

ANXA2 / Annexin A2 Antibody (N-Terminus) - 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 (N-Terminus) - Images

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ANXA2 / Annexin A2 Antibody (N-Terminus) - 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 (N-Terminus) - 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).