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ANXA2 / Annexin A2 Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS15466

Specification

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

Application	**WB**
Primary Accession	P07355
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**39kDa KDa**

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:24808179, PubMed:22848640).

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

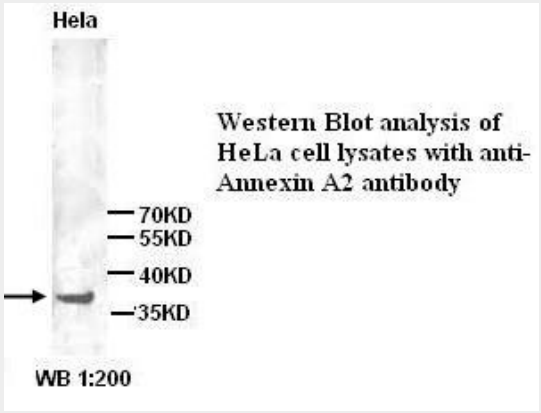
Volume
50 µl

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 Cytomety
- 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).