

ANXA2 / Annexin A2 Antibody (aa121-141)
Rabbit Polyclonal Antibody
Catalog # ALS16043**Specification**

ANXA2 / Annexin A2 Antibody (aa121-141) - Product Information

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

ANXA2 / Annexin A2 Antibody (aa121-141) - 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

Target/Specificity

Human, rat, mouse No cross reactivity with other proteins.

Reconstitution & Storage

Short term +4°C; Long term -20°C

Precautions

ANXA2 / Annexin A2 Antibody (aa121-141) is for research use only and not for use in diagnostic or therapeutic procedures.

ANXA2 / Annexin A2 Antibody (aa121-141) - 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).

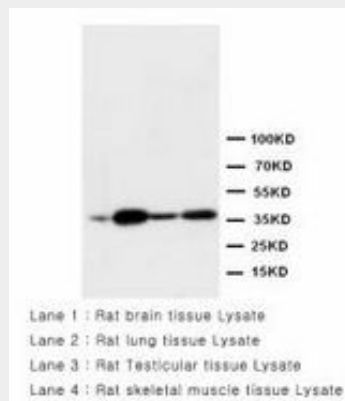
Cellular Location

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

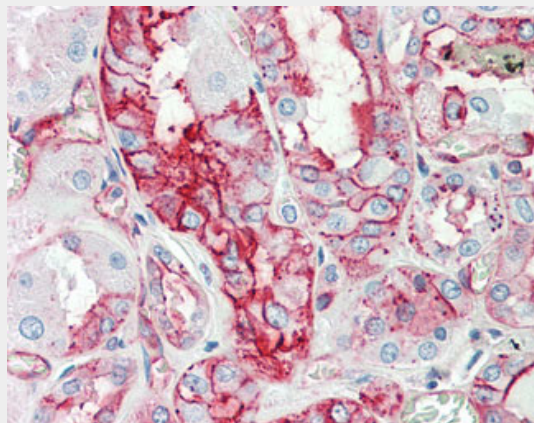
Volume50 μ l**ANXA2 / Annexin A2 Antibody (aa121-141) - Protocols**

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 (aa121-141) - Images

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

ANXA2 / Annexin A2 Antibody (aa121-141) - 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 (aa121-141) - 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).