

**Goat Anti-Annexin A11 Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF1065a

**Specification**

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**Goat Anti-Annexin A11 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P50995</a>
Other Accession	<a href="#">NP_665876</a> , <a href="#">311</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	54390

**Goat Anti-Annexin A11 Antibody - Additional Information**

**Gene ID** 311

**Other Names**

Annexin A11, 56 kDa autoantigen, Annexin XI, Annexin-11, Calcyclin-associated annexin 50, CAP-50, ANXA11, ANX11

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-Annexin A11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-Annexin A11 Antibody - Protein Information**

**Name** ANXA11

**Synonyms** ANX11

**Function**

Binds specifically to calcyclin in a calcium-dependent manner (By similarity). Required for midbody formation and completion of the terminal phase of cytokinesis.

**Cellular Location**

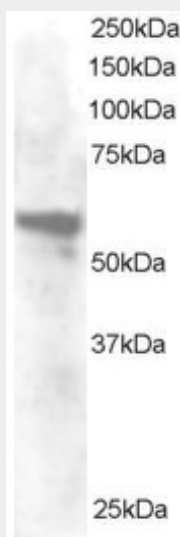
Cytoplasm. Melanosome. Nucleus envelope. Nucleus, nucleoplasm. Cytoplasm, cytoskeleton, spindle Note=Found throughout the nucleoplasm at interphase and during mitosis concentrates around the mitotic apparatus (By similarity). Elevation of intracellular calcium causes relocalization from the nucleoplasm to the nuclear envelope, with little effect on the cytoplasmic pool  
Localization to the nuclear envelope is cell-cycle dependent

### Goat Anti-Annexin A11 Antibody - Protocols

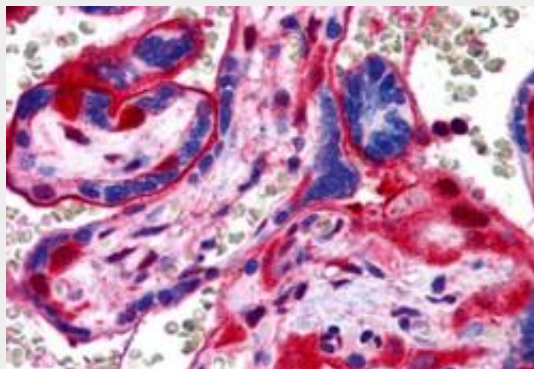
Provided below are standard protocols that you may find useful for product applications.

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

### Goat Anti-Annexin A11 Antibody - Images



AF1065a staining (0.2ug/ml) of HeLa lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



AF1065a (3.8 µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval

with citrate buffer pH 6, AP-staining.

### **Goat Anti-Annexin A11 Antibody - Background**

This gene encodes a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. Annexins have unique N-terminal domains and conserved C-terminal domains, which contain the calcium-dependent phospholipid-binding sites. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Transcript variants encoding the same isoform have been identified.

### **Goat Anti-Annexin A11 Antibody - References**

Novel protein ligands of the annexin A7 N-terminal region suggest pro-beta helices engage one another with high specificity. Creutz CE. Gen Physiol Biophys, 2009. PMID 20093729.  
Characterisation of the sarcoidosis-associated variant of annexin A11. Fatimathas L, et al. Gen Physiol Biophys, 2009. PMID 20093723.  
S100A6 binds to annexin 2 in pancreatic cancer cells and promotes pancreatic cancer cell motility. Nedjadi T, et al. Br J Cancer, 2009 Oct 6. PMID 19724273.  
Suppression of annexin A11 in ovarian cancer: implications in chemoresistance. Song J, et al. Neoplasia, 2009 Jun. PMID 19484149.  
Polymorphisms in the Annexin gene family and the risk of osteonecrosis of the femoral head in the Korean population. Kim TH, et al. Bone, 2009 Jul. PMID 19345290.