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Goat Anti-Annexin A11 Antibody

Peptide-affinity purified goat antibody

Catalog # AF1065a

Specification

Goat Anti-Annexin A11 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P50995
Other Accession	NP_665876, 311
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

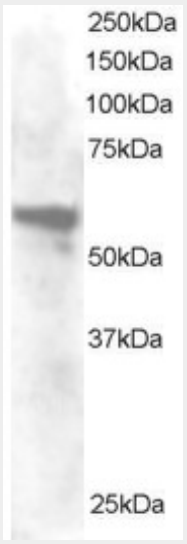
Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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

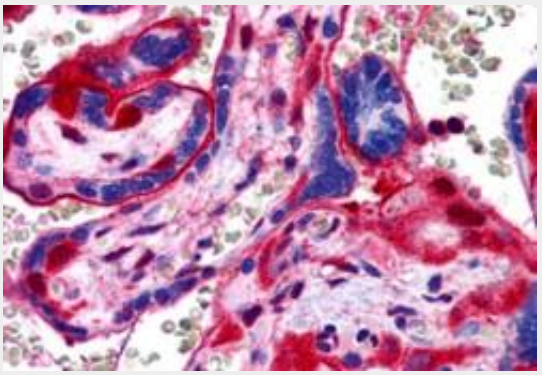
Goat Anti-Annexin A11 Antibody - Protein Information

Name ANXA11

Synonyms ANX11



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



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

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 Cytomety
- Cell Culture

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.
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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.