



Annexin II rabbit pAb

Cat No.:ES1656

For research use only

Overview

Product Name	Annexin II rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Annexin II. AA range:88-137
Specificity	Annexin II Polyclonal Antibody detects endogenous levels of Annexin II protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Annexin A2
Gene Name	ANXA2
Cellular localization	Secreted, extracellular space, extracellular matrix, basement membrane . Melanosome . 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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	302
Human Swiss-Prot Number	P07355
Alternative Names	ANXA2; ANX2; ANX2L4; CAL1H; LPC2D; Annexin A2;

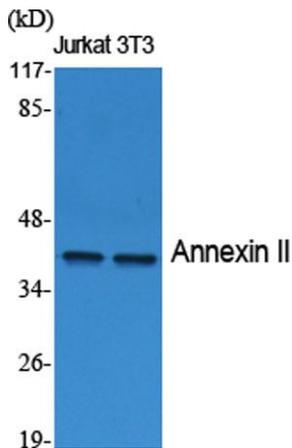




Background

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

This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using Annexin II
Polyclonal Antibody diluted at 1:2000



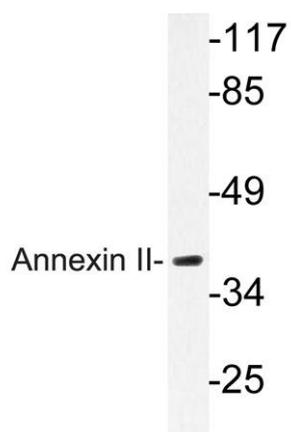
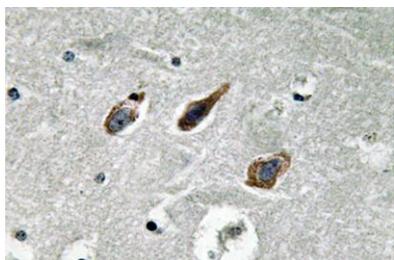
Western Blot analysis of HeLa cells using Annexin II
Polyclonal Antibody diluted at 1:2000





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Immunohistochemistry analysis of Annexin II antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from HeLa cells, using Annexin II antibody.



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