



ANXA5 Monoclonal Antibody

Catalog No	YP-mAb-16280
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ANXA5 ANX5 ENX2 PP4
Immunogen	Synthesized peptide derived from human protein . at AA range: 60-140
Specificity	ANXA5 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Annexin A5;ANXA5;Anchorin CII;Annexin 5;Annexin-5;ANXA5 ANX5 ENX2 PP4; Annexin A5 (Anchorin CII) (Annexin V) (Annexin-5) (Calphobindin I) (CBP-I) (Endonexin II) (Lipocortin V) (Placental anticoagulant protein 4) (PP4) (Placental anticoagulant protein I) (PAP-I) (Thrombop
Observed Band	35kD
Calculated Molecular Weight	35kD
Cell Pathway	intracellular,cytoplasm,focal adhesion,external side of plasma membrane, membrane,extracellular exosome,endothelial microparticle,
Tissue Specificity	Adipocyte,Epithelium,Lung,Melanoma,Muscle,Ovary,Placenta,Skin,
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,caution:This protein has been independently sequenced by at least seven groups under different names.,domain:A pair of annexin repeats may form one binding site for calcium and phospholipid.,function:This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.,similarity:Belongs to the annexin family.,similarity:Contains 4 annexin repeats.,subunit:Monomer. Binds ATRX and EIF5B.,



Background

The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. [provided by RefSeq, Jul 2008],

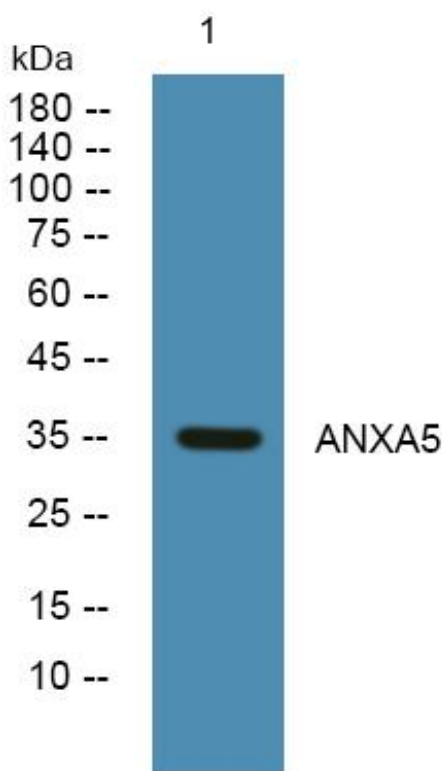
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ANXA5 Monoclonal Antibody