



Mouse Anti-Human ANXA3 Monoclonal Antibody, clone 7 (CABT-L2058)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Annexin A3 (Knockout Validated)
Specificity	The antibody is a mouse monoclonal antibody raised against ANXA3. It has been selected for its ability to recognize ANXA3 in immunohistochemical staining and western blotting.
Target	ANXA3
Immunogen	Recombinant fragment corresponding to human ANXA3 (Ala26~Ala160)
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	7
Purification	Protein A + Protein G affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.

Preservative	0.05% Proclin-300
Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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 in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation. [provided by RefSeq, Jul 2008]
Keywords	ANX-A3;ANX3;PAP-III;35-alpha calcimedlin;Inositol 1,2-cyclic phosphate 2-phosphohydrolase;Lipocortin III;Placental anticoagulant protein III

GENE INFORMATION

Gene Name	ANXA3 annexin A3 [Homo sapiens (human)]
Official Symbol	ANXA3
Synonyms	ANXA3; annexin A3; ANX3; PAP-III; annexin-3; lipocortin III; 35-alpha calcimedlin; calcimedlin 35-alpha; Annexin III (lipocortin III); placental anticoagulant protein III; inositol 1,2-cyclic phosphate 2-phosphohydrolase; annexin III (lipocortin III, 1,2-cyclic-inositol-phosphate phosphodiesterase, placental anticoagulant protein III, calcimedlin 35-alpha);
Entrez Gene ID	306
Protein Refseq	NP_005130
UniProt ID	P12429
Chromosome Location	4q21.21
Pathway	Prostaglandin Synthesis and Regulation;
Function	calcium ion binding; calcium-dependent phospholipid binding; calcium-dependent protein binding; phospholipase A2 inhibitor activity;