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ANXA3 Antibody (monoclonal) (M12)

Mouse monoclonal antibody raised against a full length recombinant ANXA3.
Catalog # AT1150a

Product Information

Application	WB, E
Primary Accession	P12429
Other Accession	BC000871
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4F1
Calculated MW	36375

Additional Information

Gene ID	306
Other Names	Annexin A3, 35-alpha calcimedin, Annexin III, Annexin-3, Inositol 1, 2-cyclic phosphate 2-phosphohydrolase, Lipocortin III, Placental anticoagulant protein III, PAP-III, ANXA3, ANX3
Target/Specificity	ANXA3 (AAH00871, 1 a.a. ~ 323 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ANXA3 Antibody (monoclonal) (M12) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

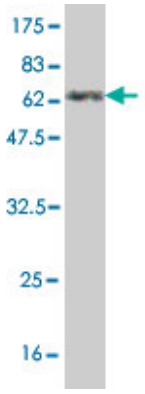
This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phopholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.

References

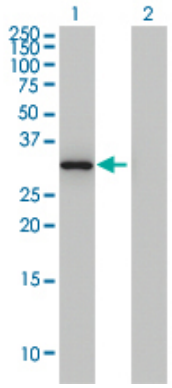
1.Annexin A3 as a Negative Regulator of Adipocyte Differentiation.Watanabe T, Ito Y, Sato A, Hosono T, Niimi

S, Ariga T, Seki T.J Biochem. 2012 Aug 9.2.A multiplex model of combining gene-based, protein-based, and metabolite-based with positive and negative markers in urine for the early diagnosis of prostate cancer.Cao DL, Ye DW, Zhang HL, Zhu Y, Wang YX, Yao XD.Prostate. 2010 Oct 18. [Epub ahead of print]

Images

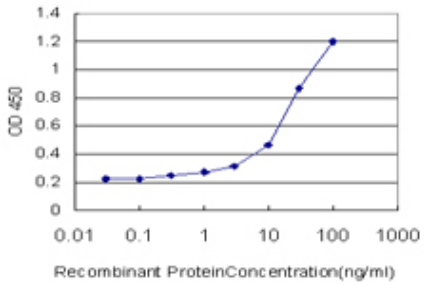


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (61.27 KDa) .

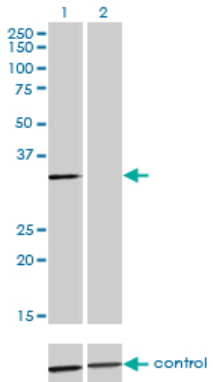


Western Blot analysis of ANXA3 expression in transfected 293T cell line by ANXA3 monoclonal antibody (M12), clone 4F1.

Lane 1: ANXA3 transfected lysate(37.145 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ANXA3 is approximately 1ng/ml as a capture antibody.



Western blot analysis of ANXA3 over-expressed 293 cell line, cotransfected with ANXA3 Validated Chimera RNAi ((Cat # AT1150a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.