

ANXA3 Antibody (monoclonal) (M12)

Mouse monoclonal antibody raised against a full length recombinant ANXA3.

Catalog # AT1150a

Specification

ANXA3 Antibody (monoclonal) (M12) - Product Information

Application	WB, E
Primary Accession	P12429
Other Accession	BC000871
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	36375

ANXA3 Antibody (monoclonal) (M12) - Additional Information

Gene ID 306

Other Names

Annexin A3, 35-alpha calcimedlin, 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

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.

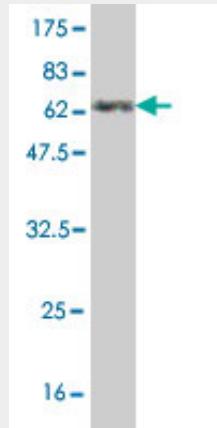
ANXA3 Antibody (monoclonal) (M12) - Protocols

Provided below are standard protocols that you may find useful for product applications.

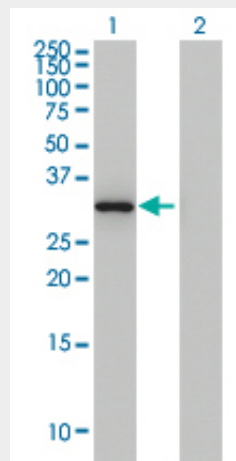
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANXA3 Antibody (monoclonal) (M12) - Images



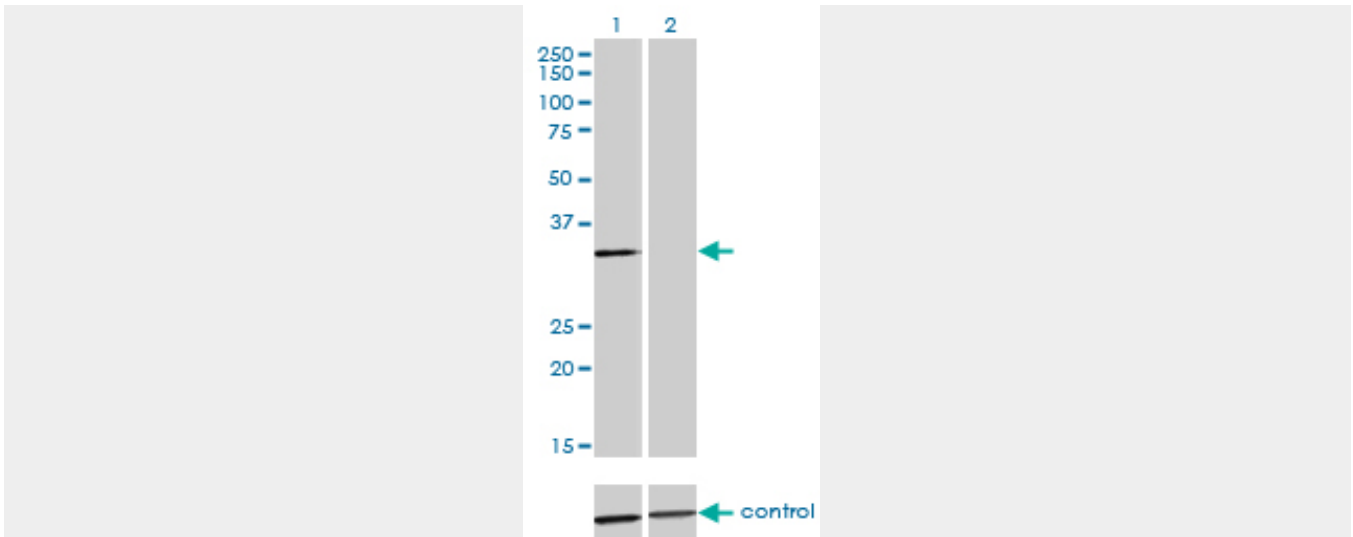
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.27 KDa) .



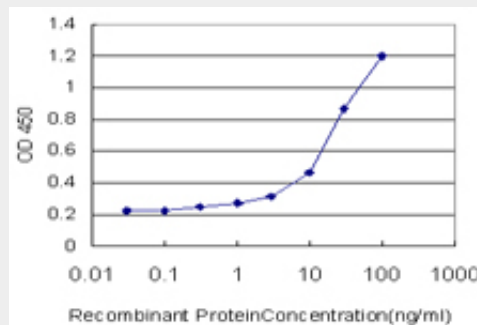
Western Blot analysis of ANXA3 expression in transfected 293T cell line by ANXA3 monoclonal antibody (M12), clone 4F1.

Lane 1: ANXA3 transfected lysate(37.145 KDa).

Lane 2: Non-transfected lysate.



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



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

ANXA3 Antibody (monoclonal) (M12) - 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 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.

ANXA3 Antibody (monoclonal) (M12) - 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]