

Product datasheet for CF502058

Annexin A3 (ANXA3) Mouse Monoclonal Antibody [Clone ID: OT11F11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11F11
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ANXA3 (NP_005130) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36.2 kDa
Gene Name:	annexin A3
Database Link:	NP_005130 Entrez Gene 11745 Mouse Entrez Gene 25291 Rat Entrez Gene 306 Human P12429

[View online »](#)

Background:

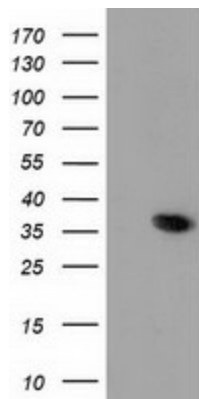
This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation. [provided by RefSeq, Jul 2008]

Synonyms:

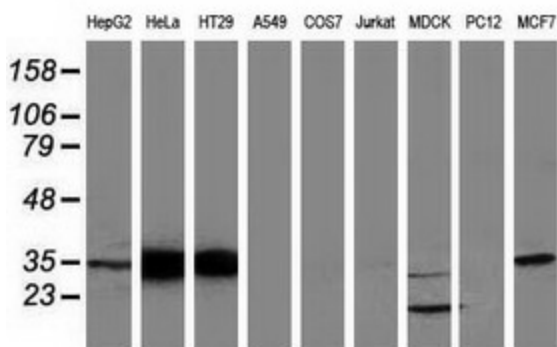
ANX3

Protein Families:

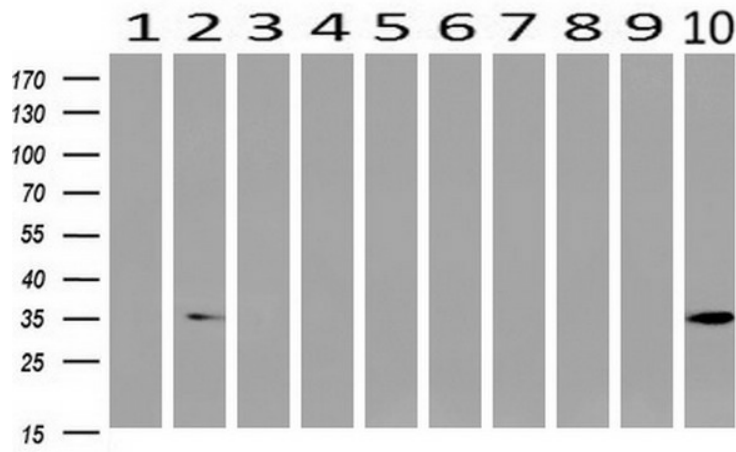
Stem cell - Pluripotency

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ANXA3 (Cat# [RC201540], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ANXA3 (Cat# [TA502058]). Positive lysates [LY417500] (100ug) and [LC417500] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ANXA3 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-ANXA3 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).

E

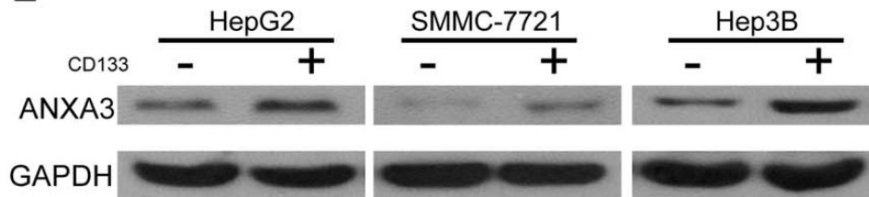


Figure from citation: Western blot analysis of ANXA3 protein level by using anti-ANXA3 antibody in CD133+ HCC cell lines. HCC cells, including HepG2, SMMC-7721, and Hep3B cells. Dilution: 1:1000 [View Citation](#)

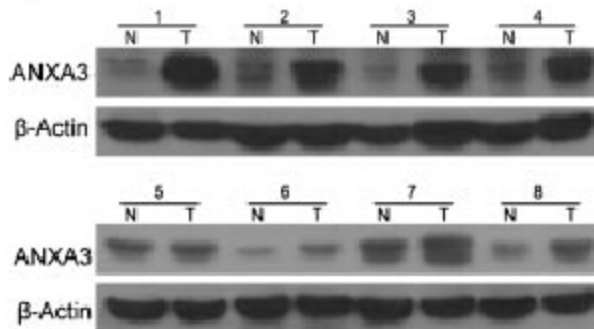
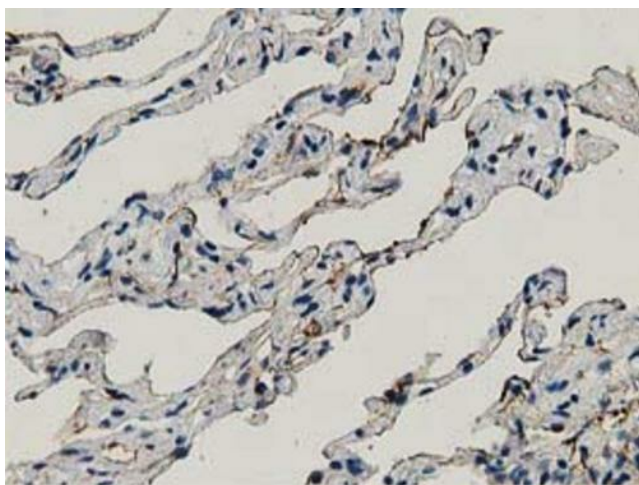
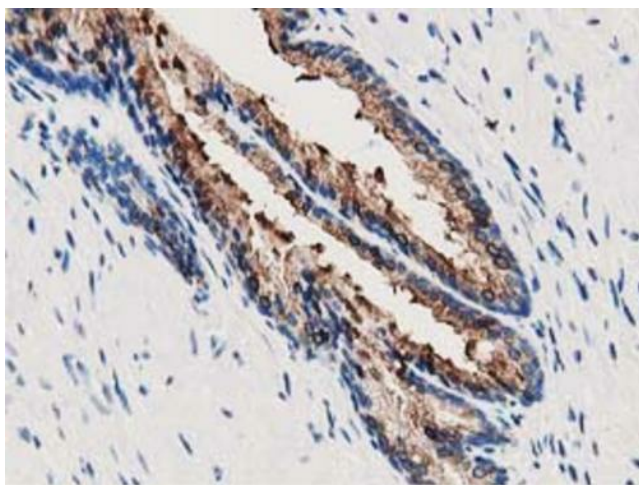


Figure from citation: Western Blot of ANXA3 protein level by using anti-ANXA3 antibody in human HCC tissues and nontumorous tissues. Dilution: 1:1000 [View Citation](#)



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-ANXA3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ANXA3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

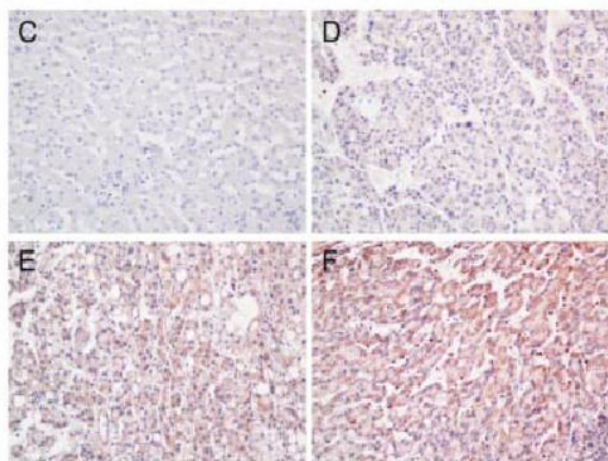


Figure from citation: Representative images of immunohistochemical staining of ANXA3 expression in human liver tissues: (C) negative ANXA3 expression in non-tumorous liver parenchyma and (D) weak, (E) moderate, and (F) strong ANXA3 immunoreactivity in HCC tissues. Dilution: 1:500 [View Citation](#). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.