

Product Name: KD-Validated Annexin A3 Mouse Monoclonal Antibody**Catalog #: KVA01916**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 36.4kDa

Antigen Information

Gene Name	ANXA3
Alternative Names	ANXA3; Annexin A3; ANX3; Inositol 1,2-Cyclic Phosphate 2-Phosphohydrolase; Placental Anticoagulant Protein III; 35-Alpha Calcimedin; Lipocortin III; Annexin-3; PAP-III; Annexin III (Lipocortin III, 1,2-Cyclic-Inositol-Phosphate Phosphodiesterase, Placental Anticoagulant Protein III, Calcimedin 35-Alpha); Annexin III (Lipocortin III); Calcimedin 35-Alpha; Annexin III
Gene ID	306.0
SwissProt ID	P12429
Immunogen	Recombinant protein of human ANXA3

Background

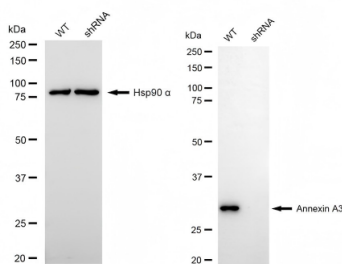
This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family

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]

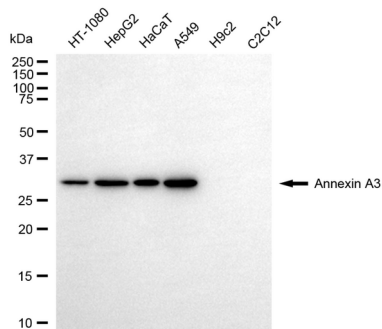
Research Area

Signal Transduction

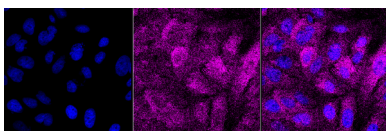
Image Data



Western blotting analysis using annexin A3 antibody (KVA01916). Annexin A3 expression in wild-type (WT) and annexin A3 (ANXA3) shRNA knockdown (KD) HepG2 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with annexin A3 antibody (KVA01916, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using annexin A3 antibody (KVA01916). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with annexin A3 antibody (KVA01916, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Annexin A3 antibody (KVA01916, 1:1,000). Nuclei were stained blue with DAPI; Annexin A3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.