

Anti-Annexin A6 Antibody

Catalog # AP50979

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P08133
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75873

Additional Information

Gene ID	309
Other Names	ANX6; Annexin A6; 67 kDa calelectrin; Annexin VI; Annexin-6; Calphobindin-II; CPB-II; Chromobindin-20; Lipocortin VI; Protein III; p68; p70
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Annexin A6. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

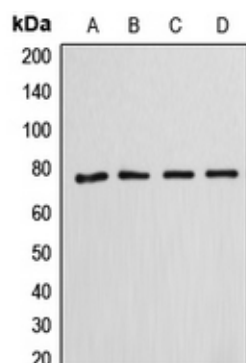
Protein Information

Name	ANXA6
Synonyms	ANX6
Function	May associate with CD21. May regulate the release of Ca(2+) from intracellular stores.
Cellular Location	Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

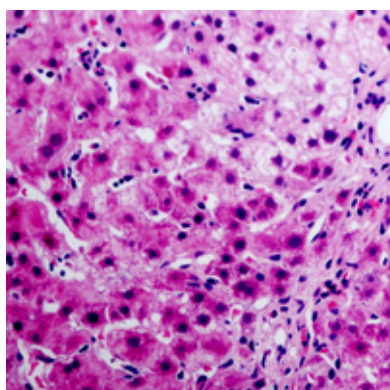
References

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Suedhof T.C.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:664-668(1988).
Iwasaki A.,et al.J. Biochem. 106:43-49(1989).

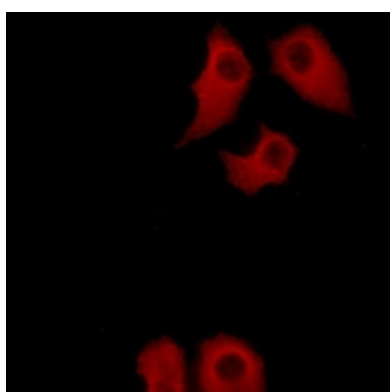
Images



Western blot analysis of Annexin A6 expression in HeLa (A), SP2/0 (B), rat kidney (C), HepG2 (D) whole cell lysates. (Predicted band size: 75 kD; Observed band size: 75 kD)



Immunohistochemical analysis of Annexin A6 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. AEC was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Annexin A6 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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