



ANXA4 Monoclonal Antibody

Catalog No	YP-mAb-06815
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	ANXA4 ANX4
Protein Name	Annexin A4 (35-beta calcimedlin) (Annexin IV) (Annexin-4) (Carbohydrate-binding protein p33/p41) (Chromobindin-4) (Endonexin I) (Lipocortin IV) (P32.5) (PP4-X) (Placental anticoagulant protein II) (PAP)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ANXA4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	35kD
Cell Pathway	Zymogen granule membrane ; Peripheral membrane protein .
Tissue Specificity	Brain, Eye, Human fetal kidney, Placenta, Tongue, Uterus,
Function	domain: A pair of annexin repeats may form one binding site for calcium and phospholipid., function: Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis., miscellaneous: Seems to bind one calcium ion with high affinity., similarity: Belongs to the annexin family., similarity: Contains 2 annexin repeats., similarity: Contains 3 annexin repeats., similarity: Contains 4 annexin repeats.,
Background	Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in



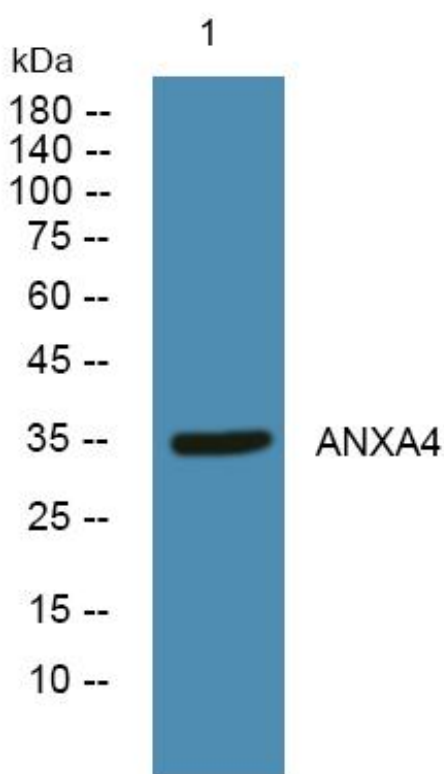
epithelial cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using ANXA4 Monoclonal Antibody