

Product datasheet for **AP23295PU-N**

Annexin IV (ANXA4) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western blot: At 1-2µg/ml with the appropriate system to detect Annexin IV in cells and tissues. Immunohistochemistry on paraffin sections: At 1-2µg/ml to detect Annexin IV in formalin fixed and paraffin embedded tissues. Digesting the sections is required. Immunocytochemistry.
Reactivity:	Human, Mouse, Rabbit, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a sequence at the N-terminal of human Annexin IV
Specificity:	This antibody detects Annexin A4 / ANXA4 at N-term. No cross reactivity with other proteins.
Formulation:	50% glycerol, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	1.2% sodium acetate or neutral PBS. If 0.5ml of PBS is used, the antibody concentration will be 100µg/ml.
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	annexin A4
Database Link:	Entrez Gene 11746 Mouse Entrez Gene 79124 Rat Entrez Gene 307 Human P09525



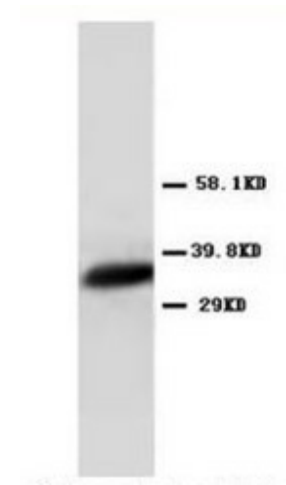
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Background:

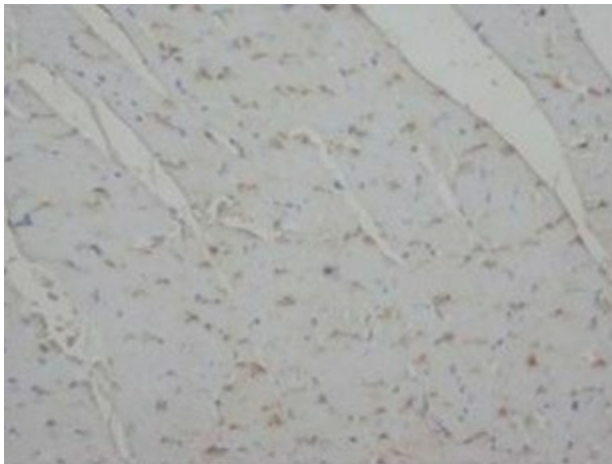
Annexin IV, also known as placental anticoagulant protein II, or zymogen granule membrane-associated protein, 36-KD (ZAP36), is one of the family of calcium-dependent phospholipid-binding proteins whose normal function is uncertain. Annexin IV has 45 to 59% identity with other members of the annexin family. Annexin IV gene spans 18 to 56 kb. And it is located on mouse chromosome 6 in a region of conserved synteny with human chromosome 2. Rat annexin IV is ubiquitously expressed in epithelial tissues. Zap36 associated with zymogen granule membranes in dog and rat pancreas. Human annexin IV gene is mapped to chromosome 2p13.

Synonyms:

ANX4, Annexin-4, Annexin IV, Lipocortin IV, Endonexin I, Chromobindin-4, Protein II, P32.5, PP4-X, 35-beta calcimedlin, PAP-II

Product images:


Western blot analysis of HeLa cell lysis using Annexin VI antibody



Immunohistochemical analysis of paraffin embedded rat tissue sections (cardiac muscle) using Annexin IV antibody