

Basic Information

Product Name	Anti-Annexin A4/ANXA4 Antibody (Clone#19A60)
Gene Name	ANXA4
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, ICC/IF, FCM
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.5mg/ml BSA.
Immunogen	A synthesized peptide derived from human Annexin IV
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	36KD
Dilution Ratios	Western blot (WB):1:500-2000 ICC/IF: 1:50-1:200 FCM: 1:50

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

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 syntenicity 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.

Selected Validation Data

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Catalog Number: M04840-1

Western blot analysis of Annexin IV expression in HepG2 cell lysate.

