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39-2019: Anti-Annexin IV Polyclonal Antibody

Clonality :	Polyclonal
Application :	IHC,WB
Reactivity :	Human
Gene :	ANXA4
Gene ID :	307
Uniprot ID :	P09525
Alternative Name :	Annexin A4; 35-beta calcimedin; Annexin IV; Annexin-4; CarbohydRate-binding protein p33/p41; Chromobindin-4; Endonexin I; Lipocortin IV; P32.5; PP4-X; Placental anticoagulant protein II; PAP-II; Protein II; ANXA4
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide corresponding to a sequence at the N-terminus of Human Annexin IV(7-21aa TVKAASGFNAMEDAQ), different from the related Mouse and Rat sequences by one amino acid.

Description

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.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

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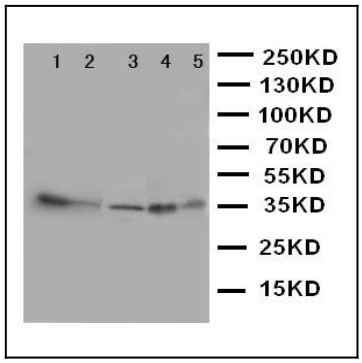


Figure 1: Anti-Annexin IV antibody(39-2019). Western blotting : Lane 1: Human Placenta Tissue Lysate, Lane 2: Rat Liver Tissue Lysate, Lane 3: 293T Cell Lysate, Lane 4: HEPA Cell Lysate, Lane 5: NIH3T3 Cell Lysate.

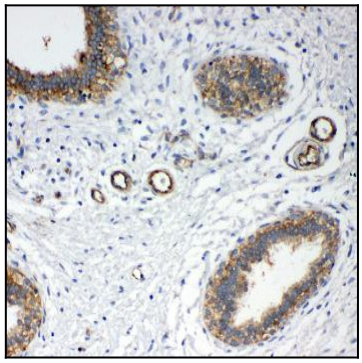


Figure 2: Anti-Annexin IV antibody(39-2019). IHC(P): Human Mammary Cancer Tissue.

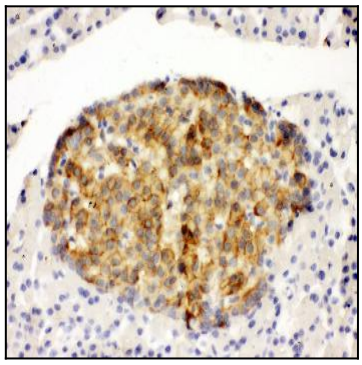


Figure 3: Anti-Annexin IV antibody(39-2019). IHC(P): Rat Pancreas Tissue.

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