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- Expressversand

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Anti-Annexin A1 Antibody (PTyr207)

Rabbit Anti-Human Annexin A1 (pTyr207) Polyclonal
Catalog No. SPC-916



Discovery through partnership | Excellence through quality

Overview

Product Name

Annexin A1 Antibody (pTyr207)

Description

Rabbit Anti-Human Annexin A1 (pTyr207) Polyclonal

Species Reactivity

Human

Applications

WB, AM

Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Human

Immunogen

A phospho-specific peptide corresponding to residues surrounding Tyr207 of human Annexin A1 (AA204-210)

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Peptide Affinity Purified

Clonality

Polyclonal

Specificity

Detects 38.714 kDa.

Cite This Product

Rabbit Anti-Human Annexin A1 (pTyr207) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-916)

Certificate Of Analysis

A 1:250 dilution of SPC-916 was sufficient for detection of Annexin A1 (pTyr207) in 10 µg of HepG2 cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

Annexin 1 Antibody, Annexin I Antibody, ANX 1 Antibody, Calpactin 2 Antibody, Chromobindin 9 Antibody

Cellular Localization

Cytoplasm, Basolateral Cell Membrane, Nucleus

Accession Number

NP_000691

Gene ID

301

Swiss Prot

P04083

Scientific Background

Annexin A2 (ANXA2), also known as Annexin II and Lipocortin II (LPC2), is a 38.6 kDa member of the Annexin family of proteins. The Annexins are a family of Calcium-dependent phospholipid-binding proteins that are preferentially located on the cytosolic face of the plasma membrane. The Annexins have a molecular weight of approximately 35-40 kDa and consist of a unique amino terminal domain followed by a homologous C-terminal core domain containing the calcium-dependent phospholipid-binding sites. The C-terminal domain is comprised of four 60-70 amino acid (aa) repeats, known as annexin repeats or an endonexin fold (Annexin A6 contains 8 annexin repeats). The four annexin repeats form a highly alpha-helical, tightly packed disc known as the annexin domain, which binds to phospholipids in the membrane in a calcium-dependent manner. Members of the annexin family play a role in cytoskeletal interactions, phospholipase inhibition, regulation of cellular growth, and intracellular signal transduction pathways. Annexin A2 was identified as an inhibitor of phospholipase A2 activity. Annexin A2 also functions as an autocrine factor to enhance osteoclast formation and bone resorption and is a major cellular substrate of the tyrosine kinase encoded by the SRC oncogene. Human Annexin A2 shares 97% identity with mouse and rat Annexin A2.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.