

## Product datasheet for AP00113PU-N

### Annexin V (ANXA5) Rabbit Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC, IP, WB  |
| Recommended Dilution: | Western blot: 0.5-4 µg/ml.<br><i>Recommended Positive Controls:</i> Jurkat cell lysate, mouse small intestine and rat kidney tissue lysates.<br>Based on researchers feedback, this antibody can also be used in Immunoprecipitation and Immunohistochemistry. |
| Reactivity:           | Human, Mouse, Rat  |
| Host:                 | Rabbit   |
| Clonality:            | Polyclonal   |
| Immunogen:            | Recombinant human Annexin V  |
| Specificity:          | The antibody detects Annexin V.  |
| Formulation:          | PBS, pH 7.2 containing 30% Glycerol, 0.5% BSA and 0.01% Thimerosal.<br>State: Purified<br>State: Liquid purified Ig fraction.  |
| Concentration:        | lot specific   |
| Purification:         | Affinity Chromatography.   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store the antibody undiluted at -20°C or (in aliquots) at -70°C for long term storage.<br>Avoid repeated freezing and thawing.   |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | annexin A5   |
| Database Link:        | <a href="#">Entrez Gene 308 Human</a><br><a href="#">P08758</a>  |



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**Background:**

The annexin family of calcium-binding proteins is composed of at least ten mammalian genes. It is characterized by a conserved core domain which binds to phospholipids in a Calcium dependent manner and a unique amino terminal region which may confer binding specificity. Annexin family members have been implicated as regulators of such diverse processes as ion flux, endocytosis and exocytosis, and cellular adhesion. Annexin V is ubiquitously expressed at high levels in tissues and cells grown in culture.

**Synonyms:**

Annexin-5, Annexin V, Lipocortin V, Endonexin II, Calphobindin I, Anchorin CII, ANX5, ENX2, PP4, CBP-I, PAP-I, VAC-alpha

**Product images:**