**Rabbit anti-human Annexin A2 polyclonal Antibody, Biotin conjugated**

**Catalog Number:** **CSB-PA01064D0Rb**

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| **Synonym Names** | Annexin II,Annexin-2,Calpactin I heavy chain,Calpactin-1 heavy chain,Chromobindin-8,Lipocortin II,Placental anticoagulant protein IV,PAP-IV,ANXA2,ANX2, ANX2L4, CAL1H, LPC2D |
| **Product type** | Primary antibodies |
| **Description** | Rabbit polyclonal to ANXA2 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Reacts with** | Human;Other species are not tested. Please decide the specificity by homology. |
| **Conjugate** | Biotin-conjugated |
| **Purity** | Caprylic Acid Ammonium Sulfate Precipitation purified |
| **Storage buffer** | Preservative: 0.03% Proclin 300  Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| **Storage** | Shipped at 4°C Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze. |
| **Form** | Liquid |
| **Raised in** | Rabbit |
| **Tested applications** | ELISA,WB;Not yet tested in other applications. |
| **Function** | Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response. |
| **References** | [1]"Cochlin induced TREK-1 co-expression and annexin A2 secretion: role in trabecular meshwork cell elongation and motility."Goel M., Sienkiewicz A.E., Picciani R., Lee R.K., Bhattacharya S.K.PLoS ONE 6:E23070-E23070(2011).  [2]"Initial characterization of the human central proteome."Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011).  [3]"Proteomic and bioinformatic characterization of the biogenesis and function of melanosomes."Chi A., Valencia J.C., Hu Z.-Z., Watabe H., Yamaguchi H., Mangini N.J., Huang H., Canfield V.A., Cheng K.C., Yang F., Abe R., Yamagishi S., Shabanowitz J., Hearing V.J., Wu C., Appella E., Hunt D.F.J. Proteome Res. 5:3135-3144(2006). |