

## Goat anti-Annexin I Antibody

<b>Item Number</b>	dAP-1692
<b>Target Molecule</b>	Principle Name: Annexin I; Official Symbol: ANXA1; All Names and Symbols: annexin I; ANXA1; annexin A1; ANX1; LPC1; annexin I (lipocortin I); lipocortin I; Accession Number (s): NP_000691.1; Human Gene ID (s): 301; Non-Human GeneID(s): 16952 (mouse) 25380 (rat)
<b>Immunogen</b>	CQAILDETKGDYEK, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in lysates of cell lines K562 and NIH3T3 (calculated MW of 38.7kDa according to Human NP_000691.1 and Mouse NP_034860.2). Approx 37kDa band observed in Rat and Pig Spleen lysates (calculated MW of 38.7kDa according to Human NP_000691.1 and Mouse NP_034860.2).
<b>IHC</b>	
<b>Reference</b>	Reference(s): Fan X, Krahling S, Smith D, Williamson P, Schlegel RA. Macrophage surface expression of annexins I and II in the phagocytosis of apoptotic lymphocytes. Mol Biol Cell. 2004 Jun;15(6):2863-72. Epub 2004 Apr 2..PMID: 15064349->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**