

Goat anti-Annexin A2 Antibody

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| Item Number | dAP-0059 |
| Target Molecule | Principle Name: Annexin A2; Official Symbol: ANXA2; All Names and Symbols: ANXA2; Annexin A2; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; P36; PAP-IV; HEL-S-270; annexin II; lipocortin II; Annexin II (lipocortin I); annexin II (lipocortin II); calpactin I, heavy polypeptide (p36); annexin II (lipocortin II calpactin I, heavy polypep; Accession Number (s): NP_001002858.1; NP_004030.1; Human Gene ID(s): 302; Non-Human GeneID(s): 12306 (mouse) 56611 (rat) |
| Immunogen | STVHEILCKLSLEGD, is from N Terminus This antibody is expected to recognise both reported isoforms (NP_001002858.1; NP_004030.1). Variants NP_004030.1, NP_001002857.1 and NP_001129487.1 represent identical protein. |
| Applications | Pep ELISA, WB Species Tested: Human, Mouse |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | 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. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 1000. |
| Western Blot | Western Blot: Approx 35kDa band observed in lysates of cell lines A549, HeLa and NIH3T3 (calculated MW of 38.6kDa according to NP_004030.1 and NP_001002857.1). Recommended concentration: 0.5-3µg/ml. |
| IHC | |
| Reference | Reference(s): Takahashi S, Reddy SV, Chirgwin JM, Devlin R, Haipek C, Anderson J, Roodman GD. Cloning and identification of annexin II as an autocrine/paracrine factor that increases osteoclast formation and bone resorption. J Biol Chem 1994 Nov 18;269(46):28696-701.PMID: 7961821-> |

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**