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EB05310 - Goat Anti-Annexin A2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ANXA2, annexin A2, ANX2, LIP2, LPC2, CAL1H, LPC2D, ANX2L4, P36, PAP-IV, annexin II, lipocortin II, Annexin II (lipocortin I), annexin II (lipocortin II), calpactin I, heavy polypeptide (p36), annexin II (lipocortin II calpactin I, heavy polypeptide), calpactin I heavy polypeptide, chromobindin 8, lipocortin II, placental anticoagulant protein IV, HEL-S-270 Official Symbol: ANXA2

Accession Number(s): NP_001002858.1; NP_004030.1 Human GeneID(s): 302 Non-Human GeneID(s): 12306 (mouse), 56611 (rat)

Important Comments: 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.

Immunogen

Peptide with sequence STVHEILCKLSLEGD, from the N Terminus of the protein sequence according to NP_001002858.1; NP_004030.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

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_001002858.1). Recommended concentration: 0.5-3µg/ml. Primary incubation was for 1 hour.

Species Reactivity

Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Rat, Cow, Pig

