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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05310 - Goat Anti-Calretinin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: ANXA2

Accession Number(s): NP_001002858.1; NP_004030.1; NP_001002857.1; NP_001129487.1

Human GeneID(s): [302](#)

Non-Human GeneID(s): 12306 (mouse), 56611 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms. NP_004030.1, NP_001002857.1 and NP_001129487.1 are variants of isoform 2.

Immunogen

Peptide with sequence STVHEILCKLSLEGD, from the N Terminus of the protein sequence according to NP_001002858.1; NP_004030.1; NP_001002857.1; NP_001129487.1.

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_001002857.1).

Recommended concentration: 0.5-3µg/ml.

Species Reactivity

Tested: Human, Mouse

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

Specific Reference

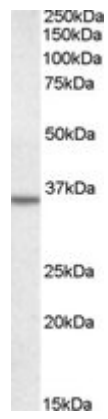
The goat polyclonal antibody used in this paper was manufactured by us:

Glebov OO, Bright NA, Nichols BJ.

Flotillin-1 defines a clathrin-independent endocytic pathway in mammalian cells.

Nat Cell Biol. 2006 Jan;8(1):46-54.

PMID: 16341206



EB05310 staining (0.5 μ g/ml) of A431 lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.