

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07470 - Goat Anti-Syntenin / SDCBP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SDCBP, Syntenin, syndecan binding protein (syntenin), MDA-9, ST1, SYCL, TACIP18, melanoma differentiation associated protein-9, pro-TGF-alpha cytoplasmic domain-interacting protein 18, scaffold protein Pbp1 syntenin

**Official Symbol:** SDCBP

**Accession Number(s):** NP\_005616.2; NP\_001007068.1; NP\_001007069; NP\_001007070.1; NP\_001007071.1

**Human GeneID(s):** [6386](#)

**Non-Human GeneID(s):** 53378 (mouse), 83841 (rat)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_005616.2 and NP\_001007068.1) and isoform 3 (NP\_001007070.1 and NP\_001007071.1) only.

### Immunogen

Peptide with sequence SLEDLKVDKVIQAQ-C, from the N Terminus of the protein sequence according to NP\_005616.2; NP\_001007068.1; NP\_001007069; NP\_001007070.1; NP\_001007071.1.

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 1:128000.

**Western blot:** Approx 28-30kDa band observed in lysates of cell lines HEK293 and A431 (calculated MW of 32.4kDa according to NP\_005616.2 and NP\_001007068.1 and of 32.3kDa according to NP\_001007070.1 and NP\_001007071.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Breast. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog

EB07470 (0.01µg/ml) staining of Human HEK293 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07470 (10µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.