



## UK Office

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

## EB07061-B - Goat Anti-14-3-3 sigma / Stratifin, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SFN, stratifin, YWHAS, 14-3-3 sigma, epithelial cell marker protein 1

**Official Symbol:** SFN

**Accession Number(s):** NP\_006133.1

**Human GeneID(s):** [2810](#)

**Non-Human GeneID(s):** 55948 (mouse), 313017 (rat)

### Immunogen

Peptide with sequence CDLHTLSEDSYKDST., from the internal region of the protein sequence according to NP\_006133.1.

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 1:16000.

**Western blot:** Approx 28kDa band observed in Mouse Skin lysates (calculated MW of 27.7kDa according to Mouse NP\_061224.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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

Biotinylated EB07061 (0.1µg/ml) staining of Mouse Skin lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.