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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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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.