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Research Use Only. Not for diagnostic or therapeutic use.

EB07061 - Goat Anti-14-3-3 sigma / Stratifin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 14-3-3sigma, stratifin, HGNC:10773, SFN, YWHAS

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 C-DLHTLSEDSYKDST, 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 26-28kDa band observed in Human, Mouse and Rat Skin lysates and in lysates of cell lines A431 and U2OS (calculated MW of 27.8kDa according to Human NP_006133.1, Mouse NP_061224.2 and Rat XP_003750096.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature.

IHC: In paraffin embedded Human Skin shows strong nuclear staining in selected cells of the basal layer. Recommended concentration, 2-4µg/ml.

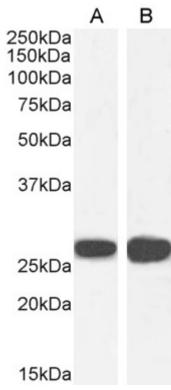
Species Reactivity

Tested: Human, Mouse, Rat

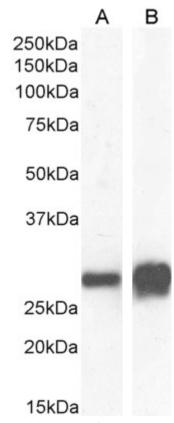
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig



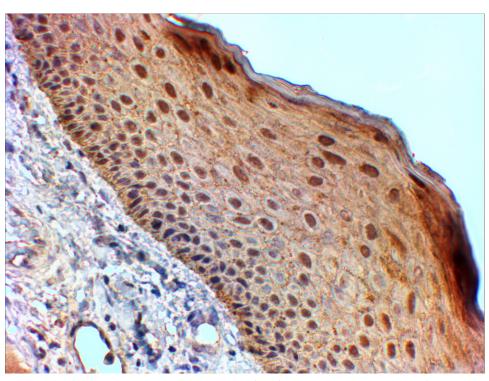
EB07061 ($0.03\mu g/ml$) staining of Human Skin lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07061 (0.03µg/ml) staining of A431 (A) and U2OS (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07061 (0.03 μ g/ml) staining of Mouse (A) and Rat (B) Skin lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07061 (2µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.