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Research Use Only. Not for diagnostic or therapeutic use.

EB11284 - Goat Anti-SPON2 (301-315) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: differentially expressed in cancerous and non-cancerous lung cells 1, DIL-1, DIK-1, DKFZp686G21139, FLJ16313, FLJ22401, FLJ34460, MINDIN, M-SPONDIN,

spondin 2, extracellular matrix protein, spondin-2, SPON2

Official Symbol: SPON2

Accession Number(s): NP_036577.1

Human GeneID(s): 10417

Non-Human GenelD(s): 100689 (mouse), 171569 (rat)

Important Comments: Reported variants represent identical protein: NP_036577.1,

NP_001121797.1, NP_001185950.1

Immunogen

Peptide with sequence C-RTRYVRVQPANNGSP, from the internal region (near C Terminus) of the protein sequence according to NP_036577.1.

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.

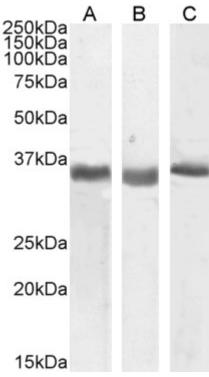
Western blot: Approx 35-36kDa band observed in Human, Mouse and Rat Kidney lysates, and in preliminary testing of A549 cell lysates (calculated MW of 35.8kDa according to Human NP_036577.2,and 36.0kDa according to Mouse NP_598664.3 and Rat NP_612542.1). Recommended concentration: 0.5-2μg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

Species Reactivity

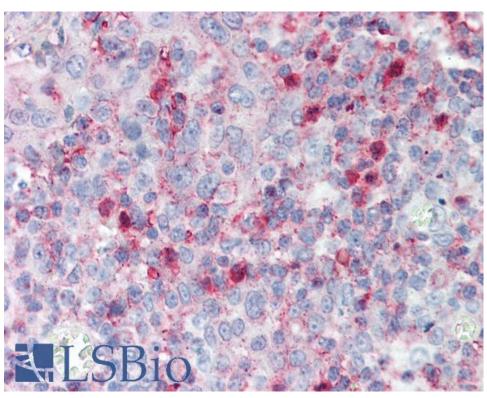
Tested: Human, Mouse, Rat

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



EB11284 (0.5μg/ml) staining of Human (A), Mouse (B) and Rat (C) Kidney lysate (35μg protein in RIPA buffer).

Detected by chemiluminescence.



EB11284 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.