

SPON2 (301-315) Antibody (internal region, near C-Term)

Peptide-affinity purified goat antibody Catalog # AF3691a

Specification

SPON2 (301-315) Antibody (internal region, near C-Term) - Product Information

Application WB, E
Primary Accession Q9BUD6

Other Accession NP 036577.1, 10417, 100689 (mouse), 171569

<u>(rat)</u>

Reactivity Human

Predicted Mouse, Rat, Dog

Host Goat
Clonality Polyclonal
Concentration 0.5 mg/ml
Isotype IgG
Calculated MW 35788

SPON2 (301-315) Antibody (internal region, near C-Term) - Additional Information

Gene ID 10417

Other Names

Spondin-2, Differentially expressed in cancerous and non-cancerous lung cells 1, DIL-1, Mindin, SPON2, DIL1

Dilution

WB~~1:1000 E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SPON2 (301-315) Antibody (internal region, near C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPON2 (301-315) Antibody (internal region, near C-Term) - Protein Information

Name SPON2

Synonyms DIL1



Function

Cell adhesion protein that promotes adhesion and outgrowth of hippocampal embryonic neurons. Binds directly to bacteria and their components and functions as an opsonin for macrophage phagocytosis of bacteria. Essential in the initiation of the innate immune response and represents a unique pattern-recognition molecule in the ECM for microbial pathogens (By similarity). Binds bacterial lipopolysaccharide (LPS).

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Expressed in normal lung tissue but not in lung carcinoma cell lines.

SPON2 (301-315) Antibody (internal region, near C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

SPON2 (301-315) Antibody (internal region, near C-Term) - Images

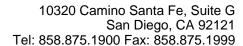


AF3691a (1 μ g/ml) staining of A549 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SPON2 (301-315) Antibody (internal region, near C-Term) - Background

Reported variants represent identical protein: NP 036577.1, NP 001121797.1, NP 001185950.1

SPON2 (301-315) Antibody (internal region, near C-Term) - References





Positive regulation of spondin 2 by thyroid hormone is associated with cell migration and invasion. Liao CH, Yeh SC, Huang YH, Chen RN, Tsai MM, Chen WJ, Chi HC, Tai PJ, Liao CJ, Wu SM, Cheng WL, Pai LM, Lin KH. Endocr Relat Cancer. 2010 Jan 29;17(1):99-111. PMID: 19903741