

## SPON1 Antibody

Catalog No: #40372

Package Size: #40372 100ul

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## Description

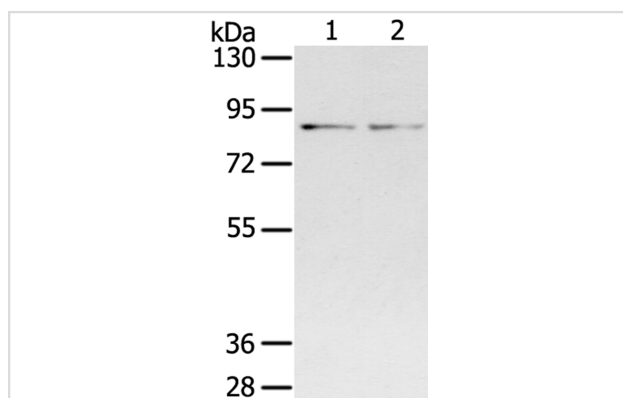
|                       |                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------|
| Product Name          | SPON1 Antibody                                                                                                   |
| Host Species          | Rabbit                                                                                                           |
| Clonality             | Polyclonal                                                                                                       |
| Purification          | Antigen affinity purification.                                                                                   |
| Applications          | WB IHC                                                                                                           |
| Species Reactivity    | Hu Ms Rt                                                                                                         |
| Specificity           | The antibody detects endogenous levels of total SPON1 protein.                                                   |
| Immunogen Type        | Peptide                                                                                                          |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human spondin 1, extracellular matrix protein |
| Conjugates            | Unconjugated                                                                                                     |
| Target Name           | SPON1                                                                                                            |
| Other Names           | f-spondin; VSGP/F-spondin                                                                                        |
| Accession No.         | Swiss-Prot:Q9HCB6Gene Accssion:NP_006099                                                                         |
| SDS-PAGE MW           | 91KD                                                                                                             |
| Concentration         | 1.9mg/ml                                                                                                         |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                                                  |
| Storage               | Store at -20°C                                                                                                   |

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 6%SDS-PAGE

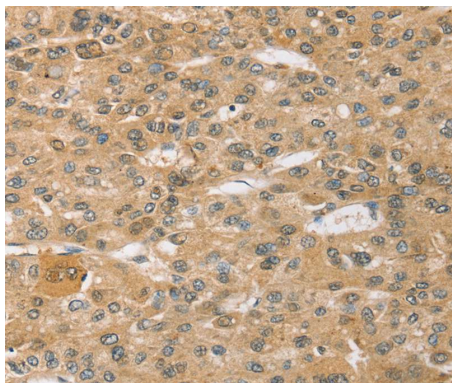
Lysates (from left to right): Mouse brain and lung tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/400 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #40372 at dilution 1/30.

## Background

F-Spondin, also designated Spondin-1 or vascular smooth muscle growth-promoting factor, is a member of the subgroup of the Thrombospondin type 1 class molecules. F-Spondin is a secreted, extracellular matrix-attached protein which patterns axonal trajectories by promoting adhesion and outgrowth of commissural axons, in addition to inhibiting outgrowth of motor axons.?

## Published Papers

el at., FOXO3 regulates Smad3 and Smad7 through SPON1 circular RNA to inhibit idiopathic pulmonary fibrosisInInt J Biol SciOn2023 Jun 12byHailong Li?1,?Jinhe Li et al..PMID:?37416778, , (2023)

[PMID:37416778](#)

el at., Identification of Bone Morphometric Protein-Related Hub Genes and Construction of a Transcriptional Regulatory Network in Patients With Ossification of the Ligamentum FlavumInSpine (Phila Pa 1976)On2023 Sep 15byYifan Tuo?1?2,?Lihong Hu et al..PMID:?37384872, , (2023)

[PMID:37384872](#)

Hailong Li;Jinhe Li;Yayue Hu;Ruotong Zhang;Xiaoting Gu;Yiying Wei;Shanshan Zhang;Xuefen Chen;Luqing Wei;Xiaohe Li;Songtao Gu;Jin Jin;Hui Huang;Honggang Zhou;Cheng Yang el at., FOXO3 regulates Smad3 and Smad7 through SPON1 circular RNA to inhibit idiopathic pulmonary fibrosis, , (2023)

[PMID:37416778](#)

Hailong Li;Jinhe Li;Yayue Hu;Ruotong Zhang;Xiaoting Gu;Yiying Wei;Shanshan Zhang;Xuefen Chen;Luqing Wei;Xiaohe Li;Songtao Gu;Jin Jin;Hui Huang;Honggang Zhou;Cheng Yang el at., FOXO3 regulates Smad3 and Smad7 through SPON1 circular RNA to inhibit idiopathic pulmonary fibrosis, , (2023)

[PMID:37416778](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.