

## SPON1 Polyclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP14431   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 100ul, 50ul, 20ul  |
| <b>Immunogen</b>               | Synthesized peptide derived from human protein . at AA range: 210-290    |
| <b>Mol wt</b>                  | N/A  |
| <b>Species reactivity</b>      | Human, Rat, Mouse  |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB, ELISA  |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | Spondin-1  |
| <b>Synonyms</b>                | Spondin-1 ;F-spondin;Vascular smooth muscle cell growth-promoting factor |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (By similarity). Major factor for vascular smooth muscle cell.,Contains 1 reelin domain.,Contains 1 spondin domain.,Contains 6 TSP type-1 domains.,subunit: Binds to the central extracellular domain of APP and inhibits beta-secretase cleavage of APP.,tissue specificity: Highest expression in lung, lower expression in brain, heart, kidney, liver and testis, and lowest expression in pancreas, skeletal muscle and ovary. Not expressed in spleen.,

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year