



# SPON1 rabbit pAb

Cat No.:ES11354

For research use only

## Overview

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | SPON1 rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Rat;Mouse  |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000   |
| <b>Immunogen</b>                | Synthesized peptide derived from human protein . at AA range: 210-290  |
| <b>Specificity</b>              | SPON1 Polyclonal Antibody detects endogenous levels of protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C . Avoid repeated freeze-thaw cycles.  |
| <b>Protein Name</b>             | Spondin-1 (F-spondin) (Vascular smooth muscle cell growth-promoting factor)  |
| <b>Gene Name</b>                | SPON1 KIAA0762 VSGP  |
| <b>Cellular localization</b>    | Secreted, extracellular space, extracellular matrix .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 88kD   |
| <b>Human Gene ID</b>            | 10418  |
| <b>Human Swiss-Prot Number</b>  | Q9HCB6   |
| <b>Alternative Names</b>        |  |
| <b>Background</b>               | function: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.,similarity:Contains 1 reelin domain.,similarity:Contains 1 spondin |





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domain.,similarity: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.,



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