



# SPON1 Polyclonal Antibody

<b>Catalog No</b>	BYab-07267
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	SPON1 KIAA0762 VSGP
<b>Protein Name</b>	Spondin-1 (F-spondin) (Vascular smooth muscle cell growth-promoting factor)
<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, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	88kD
<b>Cell Pathway</b>	Secreted, extracellular space, extracellular matrix .
<b>Tissue Specificity</b>	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.
<b>Function</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 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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**Background**

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**