

Rabbit SPON2 Polyclonal Antibody | anti-SPON2 antibody

SPON2 Antibody

CATALOG # AAA325320	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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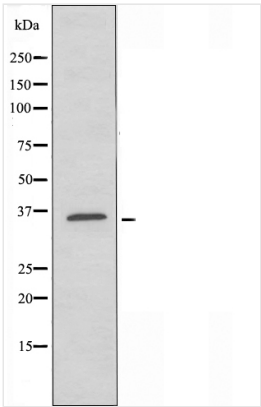
PRODUCT SYNONYMS

SPON2; Polyclonal Antibody; SPON2 Antibody; Differentially expressed in cancerous and non-cancerous lung cells 1; DIL 1; DIL-1; DIL1; DKFZp686G21139; FLJ16313; FLJ22401; FLJ34460; M spondin; Mindin; ORF Names:: antibody; SPON 2; Spon2; SPON2_HUMAN; Spondin 2; Spondin 2 extracellular matrix protein; Spondin-2; anti-SPON2 antibody

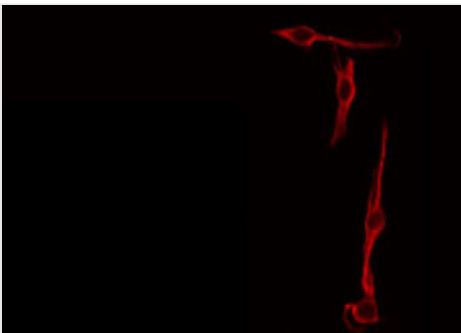
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SPON2 antibody detects endogenous levels of total SPON2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	331
Applicable Applications for anti-SPON2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted > Extracellular Space > Extracellular Matrix.
Tissue Specificity	Expressed in normal lung tissue but not in lung carcinoma cell lines.
Predicted Cross Reactivity	Pig, Bovine, Horse, Chicken, Xenopus
Similarity	Pig (90%), Bovine (90%), Horse (90%), Chicken (80%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

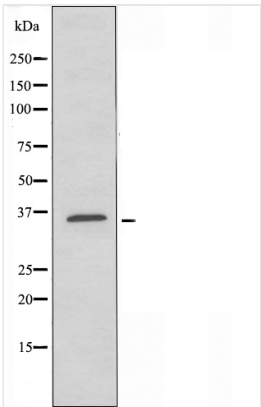
IMAGES



WB (Western Blot)
Western blot analysis of extracts from COS7 cells, using SPON2 antibody.



IF (Immunofluorescence)
AAA325320 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COS7 cells, using SPON2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SPON2 antibody	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). Subunit Structure: Monomer. Interacts with integrin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190341087
NCBI GeneID	10417
NCBI Accession #	NP_001121797.1
NCBI GenBank Nucleotide #	NM_001128325.2
UniProt Accession #	Q9BUD6; Q4W5N4; Q9ULW1; D3DVN9
Molecular Weight	Observed: 37 kD Predicted: 36 kDa
NCBI Official Full Name	spondin-2
NCBI Official Synonym Full Names	spondin 2
NCBI Official Symbol	SPON2

NCBI Official Synonym Symbols	DIL1; DIL-1; MINDIN; M-SPONDIN
NCBI Protein Information	spondin-2
UniProt Protein Name	Spondin-2
UniProt Gene Name	SPON2
UniProt Synonym Gene Names	DIL1; DIL-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/spon2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325320>