

## SP3/4 Antibody

Catalog No: #33846

Package Size: #33846-1 50ul #33846-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

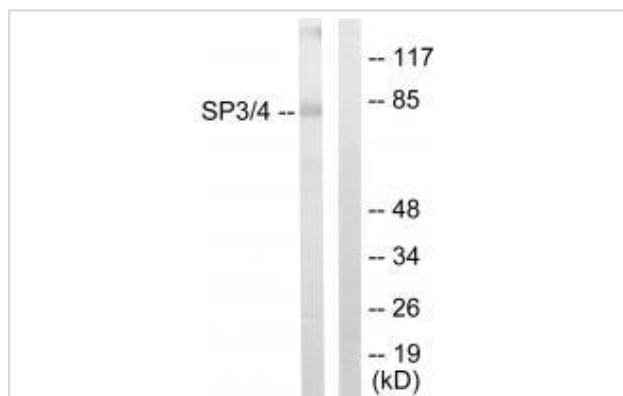
## Description

Product Name	SP3/4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SP3/4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human SP3/4.
Target Name	SP3/4
Other Names	LAG1 longevity assurance; SP260; TMSG1; Tumor metastasis-suppressor gene 1 protein;
Accession No.	Swiss-Prot: Q02447/Q02446NCBI Gene ID: 6670/6671
Uniprot	Q02447
GeneID	6670;
SDS-PAGE MW	82kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from Jurkat cells, using SP3/4 antibody #33846.

## Background

---

Transcriptional factor that can act as an activator or repressor depending on isoform and/or post-translational modifications. Binds to GT and GC boxes promoter elements. Competes with SP1 for the GC-box promoters. Weak activator of transcription but can activate a number of genes involved in different processes such as cell-cycle regulation, hormone-induction and house-keeping.

Pan H., Genomics 77:58-64(2001).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Ota T., Nat. Genet. 36:40-45(2004).

---

Note: This product is for in vitro research use only