

Product datasheet

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ARG59130 anti-SP2 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes SP2

Tested Reactivity Hu, Rat

Predict Reactivity Hm

Tested Application WB

Host Rabbit
Clonality Polyclonal

Isotype IgG

Target Name SP2

Species Human

Immunogen Synthetic peptide corresponding to aa. 312-343 of Human SP2.

(QVVQIPQQALRVVQAASATLPTVPQKPSQNFQ)

Conjugation Un-conjugated

Alternate Names Transcription factor Sp2

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.

Preservative 0.05% Sodium azide

Stabilizer 5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol SP2

Gene Full Name Sp2 transcription factor

Background This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins

are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some cases repress expression from different promoters. [provided by RefSeq, Jul

2008]

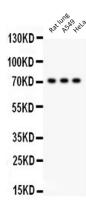
Function Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain

functional recognition sites. [UniProt]

Calculated Mw 65 kDa

Cellular Localization Nucleus. [UniProt]

Images



ARG59130 anti-SP2 antibody WB image

Western blot: 50 μg of Rat lung, 40 μg of A549 and 40 μg of HeLa lysates stained with ARG59130 anti-SP2 antibody at 0.5 $\mu g/ml$ dilution.