

SPDYA antibody

Catalog No: #38385

Package Size: #38385-1 50ul #38385-2 100ul

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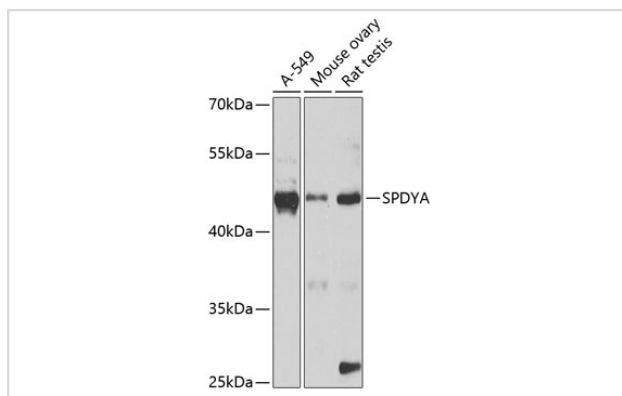
Description

Product Name	SPDYA antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SPDYA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SPDYA.
Target Name	SPDYA
Other Names	MGC110856; MGC57218; Ringo3; SPDY1; SPY1;
Accession No.	Swiss-Prot#: Q5MJ70NCBI Gene ID: 245711
Uniprot	Q5MJ70
GeneID	245711;
SDS-PAGE MW	36kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using SPDYA at 1:1000 dilution.

Background

Speedy A, also known as SPDYA, SPDY1, Ringo3 or SPY1, is a 313 amino acid protein that localizes to the nucleus and belongs to the speedy/ringo family. Expressed at high levels in testis and at lower levels in brain, kidney, heart, bone marrow, colon, lung, liver spleen and placenta, Speedy A functions to regulate the G1/S phase transition of the cell cycle, specifically by binding to and activating Cdc2 p34, Cdk2 and p27. Additionally, Speedy A mediates cell survival during DNA damage, suggesting that Speedy A plays a role in proper cell cycle progression throughout the life of the cell. Multiple isoforms of Speedy A exist due to alternative splicing events. The gene encoding Speedy A maps to human chromosome 2, which encodes over 1,400 genes and comprises nearly 8% of the human genome.

Note: This product is for in vitro research use only