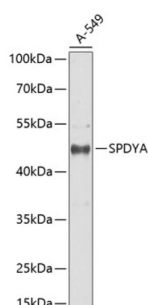


## Speedy Protein A (SPDYA) Antibody

Catalogue No.: abx001765



Western blot analysis of extracts of A549 cells using SPDYA Antibody (1/1000 dilution).

SPDYA Antibody is a Rabbit Polyclonal antibody against SPDYA. 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.

**Target:** Speedy Protein A (SPDYA)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human SPDYA

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 4.0.0  
Revision date: 05 Mar 2025



**UniProt Primary AC:** Q5MJ70 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** SPDYA

**GeneID:** [245711](#)

**NCBI Accession:** NP\_877433.2

**KEGG:** hsa:245711

**String:** [9606.ENSP00000335628](#)

**Molecular Weight:** Calculated MW: 33 kDa/36 kDa  
Observed MW: 50 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only