

Rabbit SPDYA Polyclonal Antibody | anti-SPDYA antibody

SPDYA antibody

CATALOG # AAA305951	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

SPDYA; Polyclonal Antibody; SPDYA antibody; MGC110856; MGC57218; Ringo3; SPDY1; SPY1; anti-SPDYA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SPDYA antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	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.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	286
Applicable Applications for anti-SPDYA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SPDYA.
Target Name	SPDYA
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using SPDYA antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SPDYA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SPDYA antibody	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.
Product Categories/Family for anti-SPDYA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	56961678
NCBI GeneID	245711
NCBI Accession #	NP_001008779.1
NCBI GenBank Nucleotide #	NM_001008779.1
UniProt Accession #	Q5MJ70; Q53R05; Q5MJ69
Molecular Weight	33,269 Da
NCBI Official Full Name	speedy protein A isoform 2
NCBI Official Synonym Full Names	speedy/RINGO cell cycle regulator family member A
NCBI Official Symbol	SPDYA
NCBI Official Synonym Symbols	SPY1; SPDY1; RINGO3; RINGOA
NCBI Protein Information	speedy protein A
UniProt Protein Name	Speedy protein A
UniProt Gene Name	SPDYA
UniProt Synonym Gene Names	RINGO A; hSpy/Ringo A; Spy1
UniProt Entry Name	SPDYA_HUMAN

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/spdya-antibody-immunofluorescence-western-blot-elisa/305951>