

Rabbit anti-Human Symplekin Polyclonal Antibody | anti-SYMPK antibody

Rabbit anti-Symplekin Antibody, Affinity Purified

CATALOG # AAA211487	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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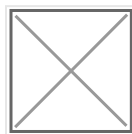
PRODUCT SYNONYMS

Symplekin; Polyclonal Antibody; Rabbit anti-Symplekin Antibody; Affinity Purified; SPK; symplekin; SYM; anti-SYMPK antibody

PRODUCT SPECIFICATIONS

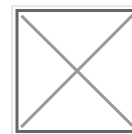
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SYMPK antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Symplekin by western blot. Samples: Whole cell lysate from HeLa, (5, 15 and 50 ug), and HEK293T (50ug) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Symplekin antibody AAA211487 (lot AAA211487-2) used for WB at 0.02 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Symplekin by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Symplekin antibody AAA211487 (lot AAA211487-2) used for IP at 6 ug per reaction. Symplekin was also immunoprecipitated by a previous lot of this antibody (lot AAA211487-1) and rabbit anti-Symplekin antibody. For blotting immunoprecipitated Symplekin, AAA211487 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SYMPK antibody

Symplekin is a component of tight junctions that also localizes to the nucleus and is a component of 3'-end processing machinery. As part of the mRNA 3'-end processing machinery symplekin is necessary for poly(A) tail elongation. Although histone mRNA 3'ends are not polyadenylated, symplekin has been shown to also play a role in 3'end maturation of histone mRNAs.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124028529
NCBI GeneID	8189
NCBI Accession #	NP_004810.2
NCBI GenBank Nucleotide #	NM_004819.2
UniProt Accession #	Q92797; O00521; O00689; O00733; Q59GT5; Q8N2U5; O75402; Q4LE61; Q96B47
Molecular Weight	141,148 Da
NCBI Official Full Name	symplekin
NCBI Official Synonym Full Names	symplekin
NCBI Official Symbol	SYMPK
NCBI Official Synonym Symbols	SPK; SYM; FLJ27092
NCBI Protein Information	symplekin; OTTHUMP00000196465
UniProt Protein Name	Symplekin
UniProt Gene Name	SYMPK
UniProt Synonym Gene Names	SPK
UniProt Entry Name	SYMPK_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/symplekin-antibody-immunoprecipitation-western-blot-elisa/211487>