

Rabbit SYMPK Polyclonal Antibody | anti-SYMPK antibody

SYMPK antibody - N-terminal region

CATALOG # AAA199192	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

SYMPK; Polyclonal Antibody; SYMPK antibody - N-terminal region; anti-SYMPK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RT HAIKFVEGLI VTLSPRMADS EIPRRQEHD I SLDRI PRDHP YIQYNVLW
Sequence Length	1274
Applicable Applications for anti-SYMPK antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SYMPK
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SYMPK Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Liver



IHC (Immunohistochemistry)

Sample Type : Human HT29 cells
Primary Antibody Dilution : 1:50
Secondary Antibody : Donkey anti Rabbit-Alexa Fluor 488
Secondary Antibody Dilution : 1:500
Color/Signal Descriptions : Green: Symplekin Blue: DAPI
Gene Name : SYMPK
Submitted by : Louise Lagerqvist (PhD), Oncology Department, Institute of Functional Genomics, Montpellier, France.

ADDITIONAL INFORMATION

Related Product Information for anti-SYMPK antibody	This is a rabbit polyclonal antibody against SYMPK. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SYMPK is a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types.This gene encodes a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-SYMPK antibody	Polyclonal; Cell Adhesion; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	124028529
NCBI GeneID	8189
NCBI Accession #	NP_004810
NCBI GenBank Nucleotide #	NM_004819
UniProt Accession #	Q92797
Molecular Weight	141kDa
NCBI Official Full Name	symplekin
NCBI Official Synonym Full Names	symplekin
NCBI Official Symbol	SYMPK
NCBI Official Synonym Symbols	SPK; SYM
NCBI Protein Information	symplekin
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sympk-antibody-western-blot-immunohistochemistry-elisa/199192>