

SYMPK antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12184

Product Information

Application	WB
Primary Accession	Q92797
Other Accession	NM_004819 , NP_004810
Reactivity	Human, Rat, Pig
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	141148

Additional Information

Gene ID	8189
Alias Symbol	FLJ27092, SPK, SYM
Other Names	Symplekin, SYMPK, SPK
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SYMPK antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SYMPK antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

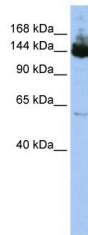
Name	SYMPK
Synonyms	SPK
Function	Scaffold protein that functions as a component of a multimolecular complex involved in histone mRNA 3'-end processing. Specific component of the tight junction (TJ) plaque, but might not be an exclusively junctional component. May have a house-keeping rule. Is involved in pre-mRNA polyadenylation. Enhances SSU72 phosphatase activity.
Cellular Location	Cytoplasm, cytoskeleton. Cell junction, tight junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side Cell junction. Nucleus, nucleoplasm. Note=Cytoplasmic face of adhesion plaques (major) and

nucleoplasm (minor) (in cells with TJ). Nucleoplasm (in cells without TJ). Nuclear bodies of heat-stressed cells Colocalizes with HSF1 in nuclear stress bodies upon heat shock (PubMed:14707147).

Tissue Location

In testis, expressed in polar epithelia and Sertoli cells but not in vascular endothelia. The protein is detected in stomach, duodenum, pancreas, liver, fetal brain, carcinomas, lens- forming cells, fibroblasts, lymphocytes, lymphoma cells, erythroleukemia cells but not in endothelium of vessels, epidermis, intercalated disks, Purkinje fiber cells of the heart and lymph node

Images



WB Suggested Anti-SYMPK Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate
SYMPK is supported by BioGPS gene expression data to be expressed in HepG2

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.