



Rabbit Anti-Human SYK Polyclonal Antibody (CABT-L2160)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Spleen Tyrosine Kinase (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against SYK. It has been selected for its ability to recognize SYK in immunohistochemical staining and western blotting.
Target	SYK
Immunogen	Recombinant fragment corresponding to human SYK (Asp374~Asn635)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a member of the family of non-receptor type Tyr protein kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
Keywords	p72-Syk;Spleen tyrosine kinase

GENE INFORMATION

Gene Name	SYK spleen tyrosine kinase [Homo sapiens (human)]
Official Symbol	SYK
Synonyms	SYK; spleen tyrosine kinase; p72-Syk; tyrosine-protein kinase SYK;
Entrez Gene ID	6850
Protein Refseq	NP_001128524
UniProt ID	A0A024R273
Chromosome Location	9q22
Pathway	Adaptive Immune System; Alpha-synuclein signaling; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; Atypical NF-kappaB pathway; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Cytokine Signaling in Immune system;
Function	ATP binding; integrin binding; non-membrane spanning protein tyrosine kinase activity; protein binding; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity; protein tyrosine kinase activity; receptor signaling protein tyrosine kinase activity;