

SYK (phospho Y526/Y527) polyclonal antibody

Catalog # PAB15929 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of SYK.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y526/Y527 of human SYK.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — SYK

Entrez GeneID	6850
Gene Name	SYK

Gene Alias	DKFZp313N1010, FLJ25043, FLJ37489
Gene Description	spleen tyrosine kinase
Omim ID	600085
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000021627 OTTHUMP00000021628

Publication Reference

- [Global survey of phosphotyrosine signaling identifies oncogenic kinases in lung cancer.](#)

Rikova K, Guo A, Zeng Q, Possemato A, Yu J, Haack H, Nardone J, Lee K, Reeves C, Li Y, Hu Y, Tan Z, Stokes M, Sullivan L, Mitchell J, Wetzel R, Macneill J, Ren JM, Yuan J, Bakalarski CE, Villen J, Kornhauser JM, Smith B, Li D, Zhou X, Gygi SP, Gu TL, Polakiewicz RD, Rush J, Comb MJ.

Cell 2007 Dec; 131(6):1190.

- [Profiling of tyrosine phosphorylation pathways in human cells using mass spectrometry.](#)

Salomon AR, Ficarro SB, Brill LM, Brinker A, Phung QT, Ericson C, Sauer K, Brock A, Horn DM, Schultz PG, Peters EC.

PNAS 2003 Jan; 100(2):443.

- [Molecular cloning and characterization of SPAP1, an inhibitory receptor.](#)

Xu MJ, Zhao R, Zhao ZJ.

Biochemical and Biophysical Research Communications 2001 Jan; 280(3):768.

Pathway

- [B cell receptor signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Lymphedema](#)

- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Tobacco Use Disorder](#)