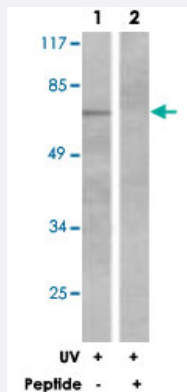


SYK polyclonal antibody

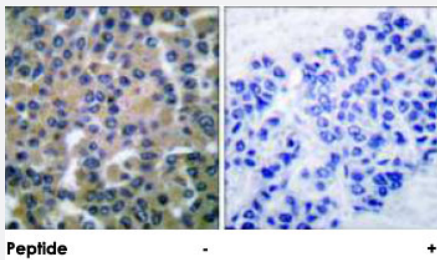
Catalog # PAB18139 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 cells treated with UV (15 mins), using SYK polyclonal antibody (Cat # PAB18139).
Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SYK polyclonal antibody (Cat # PAB18139).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SYK.
Immunogen	A synthetic peptide corresponding to human SYK.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to SYK.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:300-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	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 (Cell lysate)

Western blot analysis of extracts from K-562 cells treated with UV (15 mins), using SYK polyclonal antibody (Cat # PAB18139).
Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SYK polyclonal antibody (Cat # PAB18139).
Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SYK

Entrez GeneID	6850
Protein Accession#	P43405
Gene Name	SYK
Gene Alias	DKFZp313N1010, FLJ25043, FLJ37489
Gene Description	spleen tyrosine kinase
Omim ID	600085
Gene Ontology	Hyperlink

Publication Reference

- [The Vav binding site of the non-receptor tyrosine kinase Syk at Tyr 348 is critical for beta2 integrin \(CD11/CD18\)-mediated neutrophil migration.](#)

Schymeinsky J, Sindrilaru A, Frommhold D, Sperandio M, Gerstl R, Then C, Mocsaï A, Scharffetter-Kochanek K, Walzog B. Blood 2006 Dec; 108(12):3919.

Application: IF, WB, Human, HL-60 cells

- [A cyclic adenosine 3',5'-monophosphate stimulates phospholipase Cgamma1-calcium signaling via the activation of tyrosine kinase in boar spermatozoa.](#)

Harayama H, Murase T, Miyake M.

Journal of Andrology 2005 Nov; 26(6):732.

- [Structure and function of Syk protein-tyrosine kinase.](#)

Sada K, Takano T, Yanagi S, Yamamura H.

Journal of Biochemistry 2001 Aug; 130(2):177.

Application: IHC, WB, Human, Cancers, Mammalian cells

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](#)