Product Datasheet

SYK (Phospho-Tyr352) Antibody

Catalog No: #11827

Package Size: #11827-1 50ul #11827-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

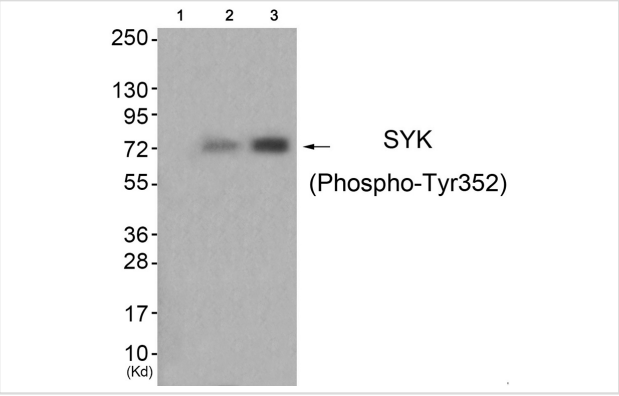
Description

Product Name	SYK (Phospho-Tyr352) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of SYK only when phosphorylated at tyrosine 352.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 352(S-P-Y(p)-A-D) derived from Human SYK.
Target Name	SYK
Modification	Phospho
Other Names	SYK; KSYK; FLJ25043; FLJ37489;
Accession No.	Swiss-Prot#: P43405; NCBI Gene#: 6850; NCBI Protein#: NP_001167638.1.
Uniprot	P43405
GeneID	6850;
SDS-PAGE MW	72kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

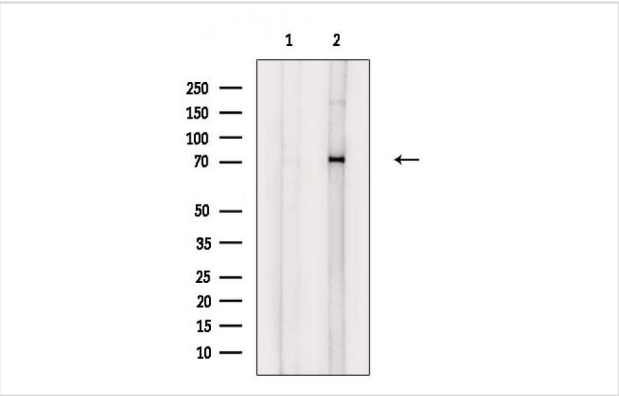
Application Details

Western blotting: 1:500~1:1000

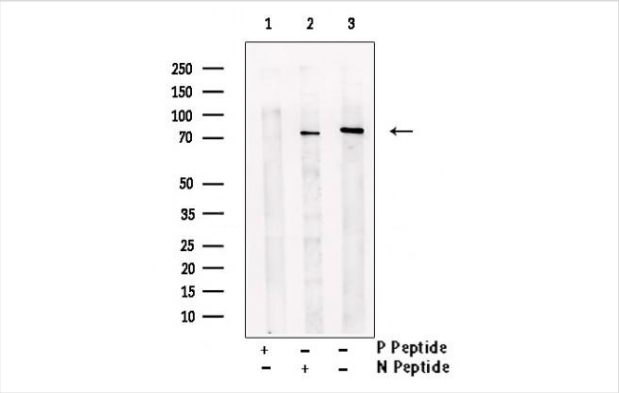
Images



Western blot analysis of extracts from HuvEc cells (Lane 2) and HepG2 cells (Lane 3), using SYK (Phospho-Tyr352) Antibody #11827. The lane on the left is treated with antigen-specific peptide.



Western blot analysis of extracts from Hela cells(1hUV treatment), using Phospho-SYK (Tyr352) Antibody. The lane on the left was treated with blocking peptide.



Western blot analysis of extracts from JurkatB H2O2, using Phospho-Syk (Tyr352) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

Background

Positive effector of BCR-stimulated responses. Couples the B-cell antigen receptor (BCR) to the mobilization of calcium ion either through a phosphoinositide 3-kinase-dependent pathway, when not phosphorylated on tyrosines of the linker region, or through a phospholipase C-gamma-dependent pathway, when phosphorylated on Tyr-348 and Tyr-352. Thus the differential phosphorylation of Syk can determine the pathway by which BCR is coupled to the regulation of intracellular calcium ion

Yagi S., Biochem. Biophys. Res. Commun. 200:28-34(1994).
Law C.-L., J. Biol. Chem. 269:12310-12319(1994).

Note: This product is for in vitro research use only