

## Product datasheet for **AP55842PU-S**

### **SYK pTyr352 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western blot:</b> 1:500~1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 352(S-P-Y(p)-A-D) derived from Human SYK (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of SYK only when phosphorylated at tyrosine 352.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	72 kDa
Gene Name:	spleen tyrosine kinase
Database Link:	<a href="#">Entrez Gene 6850 Human P43405</a>



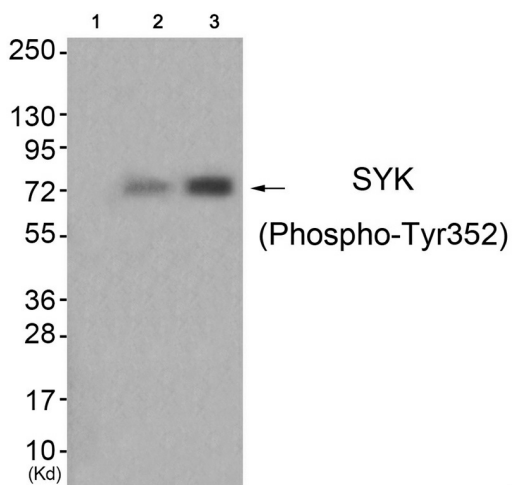
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**Background:**

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

**Synonyms:**

Tyrosine-protein kinase SYK, Spleen tyrosine kinase

**Product images:**

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