

## SYK Antibody | anti-SYK antibody

SYK (Phospho-Tyr323) Antibody

|                               |                                        |                                                                                      |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA111497</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|

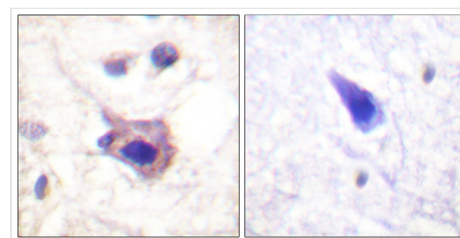
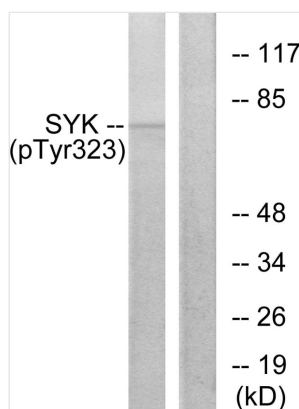
### PRODUCT SYNONYMS

SYK; SYK (Phospho-Tyr323) Antibody; EC 2.7.10.2; KSYK; Spleen tyrosine kinase; kinase Syk; anti-SYK antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                   | SYK (Phospho-Tyr323) antibody detects endogenous levels of SYK only when phosphorylated at tyrosine 323.                                                                                                                                            |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                   | 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.                                                                                                             |
| Sequence Length                               | 612                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-SYK antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                       |
| Immunogen                                     | The antiserum was produced against synthesized phosphopeptide derived from human SYK around the phosphorylation site of tyrosine 323 (N-P-YP-E-P).                                                                                                  |
| All Sites                                     | Human: Ser323<br>Mouse: Ser317<br>Rat: Ser317                                                                                                                                                                                                       |
| Preparation and Storage                       | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



**Application Data**  
P-peptide-+

#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SYK (Phospho-Tyr323) antibody. Western blot analysis of extracts from HT-29 cells, using SYK (Phospho-Tyr323) antibody.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-SYK antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                      | Yagi S., Biochem. Biophys. Res. Commun. 200:28-34(1994). The MGC Project Team, ome Res. 14:2121-2127(2004). Salomon A.R., Proc. Natl. Acad. Sci. U.S.A. 100:443-448(2003).                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 205277435                                  |
| NCBI GeneID                      | 6850                                       |
| NCBI Accession #                 | NP_001128524.1                             |
| NCBI GenBank Nucleotide #        | NM_001135052.3                             |
| UniProt Accession #              | P43405                                     |
| Molecular Weight                 | 69,510 Da                                  |
| NCBI Official Full Name          | tyrosine-protein kinase SYK isoform Syk(S) |
| NCBI Official Synonym Full Names | spleen associated tyrosine kinase          |
| NCBI Official Symbol             | SYK                                        |
| NCBI Official Synonym Symbols    | p72-Syk                                    |
| NCBI Protein Information         | tyrosine-protein kinase SYK                |
| UniProt Protein Name             | Tyrosine-protein kinase SYK                |
| UniProt Gene Name                | SYK                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/syk/111497>