

Datasheet for ABIN656690
anti-SYK antibody (AA 268-305)



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2 Images

Overview

| | |
|----------------------|------------------------------------|
| Quantity: | 400 µL |
| Target: | SYK |
| Binding Specificity: | AA 268-305 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SYK antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | This SYK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 268-305 amino acids from human SYK. |
| Clone: | RB36961 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | Pig |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--------------------------------------|
| Target: | SYK |
| Alternative Name: | SYK (SYK Products) |

Target Details

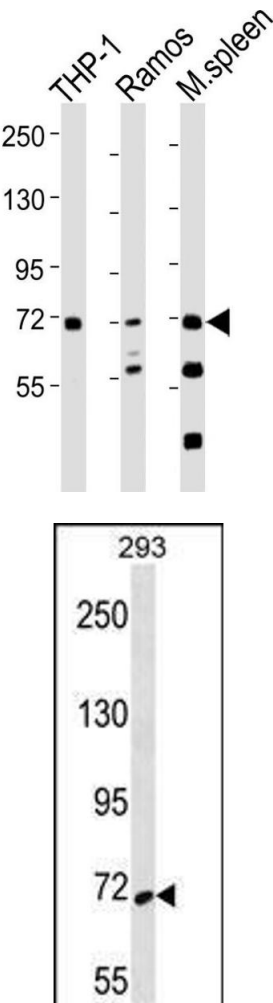
| | |
|-------------------|--|
| Background: | <p>This gene encodes a member of the family of non-receptor type Tyr protein kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].</p> |
| Molecular Weight: | 72066 |
| Gene ID: | 6850 |
| NCBI Accession: | NP_001128524 , NP_001167638 , NP_001167639 , NP_003168 |
| UniProt: | P43405 |
| Pathways: | Fc-epsilon Receptor Signaling Pathway , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Thromboxane A2 Receptor Signaling , BCR Signaling |

Application Details

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| Application Notes: | WB: 1:1000. WB: 1:2000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | SYK Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. All lanes : Anti-SYK Antibody at 1:2000 dilution
Lane 1: THP-1 whole cell lysates Lane 2: Ramos whole cell lysates Lane 3: mouse spleen lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 72 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 2. SYK Antibody (ABIN656690 and ABIN2845927) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the SYK antibody detected the SYK protein (arrow).