



# Syk (phospho Tyr348) rabbit pAb

Cat No.:ES1480

For research use only

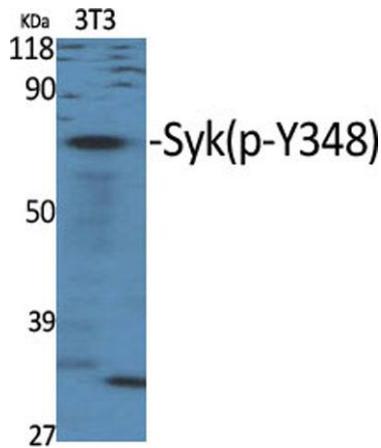
## Overview

<b>Product Name</b>	Syk (phospho Tyr348) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat;Monkey
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SYK around the phosphorylation site of Tyr348. AA range:314-363
<b>Specificity</b>	Phospho-Syk (Y348) Polyclonal Antibody detects endogenous levels of Syk protein only when phosphorylated at Y348.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Tyrosine-protein kinase SYK
<b>Gene Name</b>	SYK
<b>Cellular localization</b>	Cell membrane . Cytoplasm, cytosol .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	72kD
<b>Human Gene ID</b>	6850
<b>Human Swiss-Prot Number</b>	P43405
<b>Alternative Names</b>	SYK; Tyrosine-protein kinase SYK; Spleen tyrosine kinase; p72-Syk
<b>Background</b>	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

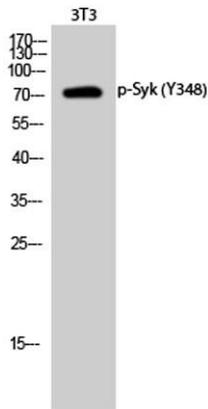




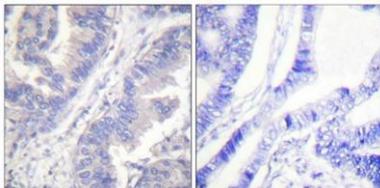
downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010],



Western Blot analysis of various cells using Phospho-Syk (Y348) Polyclonal Antibody

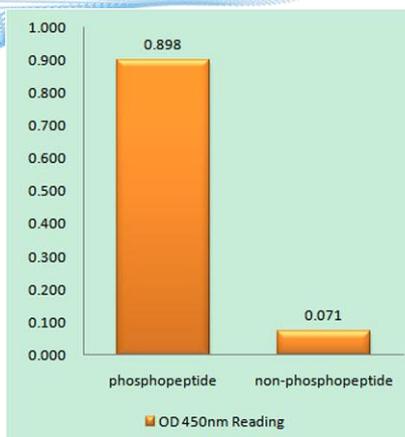


Western Blot analysis of 3T3 cells using Phospho-Syk (Y348) Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbe





Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using SYK (Phospho-Tyr348) Antibody

