

Datasheet for ABIN1531232
anti-LYN antibody (pTyr507)



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2 Images

Overview

Quantity:	100 µL
Target:	LYN
Binding Specificity:	AA 463-512, pTyr507
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Lyn around the phosphorylation site of Tyr507.
Isotype:	IgG
Specificity:	Lyn (Phospho-Tyr507) Antibody detects endogenous levels of Lyn only when phosphorylated at Tyr507. PhosphorylationH:Y507 M:Y507 R:Y508
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

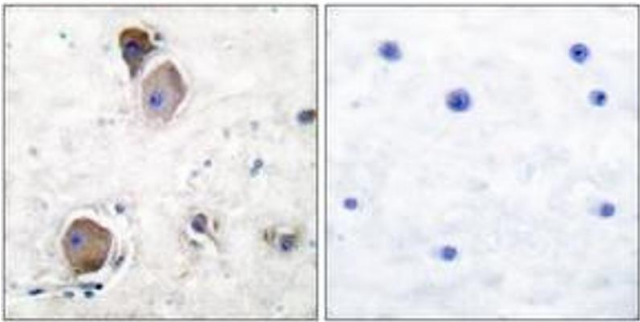
Target:	LYN
Alternative Name:	Lyn (LYN Products)
Background:	Synonyms: ONCOGENE LYN, v-yes-1 Yamaguchi sarcoma viral related oncogene homolog NCBI Gene Symbol: LYN
Molecular Weight:	58 kDa
Gene ID:	4067
OMIM:	165120
UniProt:	P07948
Pathways:	Fc-epsilon Receptor Signaling Pathway , Hormone Transport , Response to Growth Hormone Stimulus , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling , Integrin Complex , BCR Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.699154 (NCBI Gene Symbol: LYN)
Restrictions:	For Research Use only

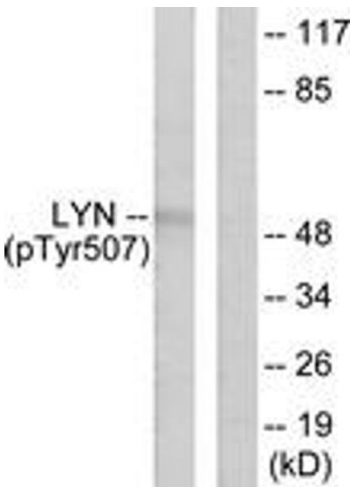
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain, using Lyn (Phospho-Tyr507) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells treated with H2O2 100uM 30', using Lyn (Phospho-Tyr507) Antibody. The lane on the right is treated with the synthesized peptide.