Datasheet for ABIN743603

anti-LYN antibody (pTyr508)

3 Images

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Overview

Quantity:	100 µL
Target:	LYN
Binding Specificity:	pTyr508
Reactivity:	Human, Mouse, Rat, Cow, Pig, Chicken, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Lyn around the phosphorylation site of Tyr508
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	LYN
Alternative Name:	Lyn (LYN Products)

Target Details

Background:	Synonyms: Lyn phospho Y508, Lyn phospho Tyr508, p-Lyn Tyr508, Hck 2, JTK 8, JTK8, ONCOGENE LYN, Tyrosine protein kinase LYN, V yes 1 Yamaguchi sarcoma viral related oncogene homolog, Yamaguchi sarcoma viral v yes 1 related oncogene homolog, AA407514, EC 2.7.10.2, FLJ26625, LYN_HUMAN. Background: Lyn (also known as p53/56 Lyn) is a membrane associated protein tyrosine kinase (PTK) mostly expressed in hemopoietic cells which is important in cellular signaling. It contains an SH2 and SH3 domain and has been found to be cleaved after activation of caspases in apoptosis. A member of the Src family of PTKs, there are two known isoforms for Lyn which plays an indispensable role in the Fc epsilon RI (Fcer1) and the B cell IgM receptor signaling pathway and is essential for Syk activation and Lat phosphorylation after Fcer1 aggregation and can also phosphorylate Tec on multiple residues. Lyn can also be regulated by IL2 and IL3.
Molecular Weight:	57kDa
Gene ID:	4067
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(1:100-500) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

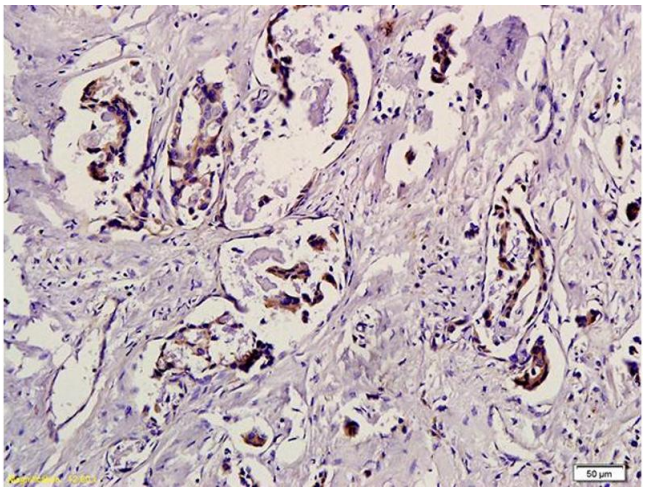
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % 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:	-20 °C

Handling

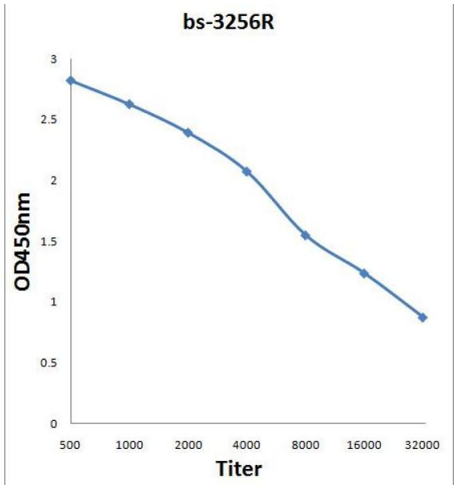
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

Images



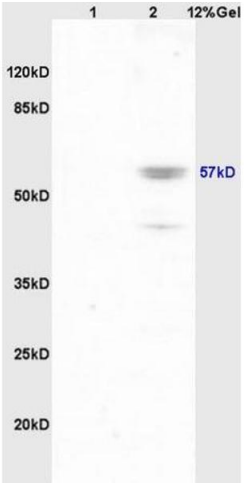
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human breast cancer labeled with Anti-Phospho-Lyn (Tyr507) Polyclonal Antibody, Unconjugated (ABIN743603) followed by conjugation to the secondary antibody and DAB staining



ELISA

Image 2. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



SDS-PAGE

Image 3. Lane 1: mouse brain lysates Lane 2: mouse lung lysates probed with Anti Phospho-Lyn (Tyr507) Polyclonal Antibody, Unconjugated (ABIN743603) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 57kD. Observed band size: 57kD.