Datasheet for ABIN879790

anti-LYN antibody (pTyr508) (AbBy Fluor® 488)

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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 conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), 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)
Background:	Synonyms: Lyn phospho Y508, Lyn phospho Tyr508, p-Lyn Tyr508, Hck 2, JTK 8, JTK8,

Target Details

	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:	IF(IHC-P)(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 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

