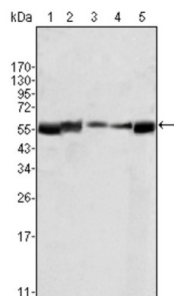


V-Yes-1 Yamaguchi Sarcoma Viral Related Oncogene Homolog (LYN) Antibody

Catalogue No.: abx011096



Western blot analysis using LYN antibody againsts HL60 (1), L540 (2), SLLP-M2 (3), SEM (4) and Ramos (5) cell lysate.

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 phosphor-ylate Tec on multiple residues. Lyn can also be regulated by IL-2 and IL-3. Lyn is a member of the src family of non-receptor protein tyrosine kinases that is predominantly expressed in haematopoietic tissues. Like all members of the src family, lyn is thought to participate in signal transduction from cell surface receptors that lack intrinsic tyrosine kinase activity. It is associated with a number of cell surface receptors including the B cell antigen receptor and immunoglobulin E receptor (FceRI).

Target:	V-Yes-1 Yamaguchi Sarcoma Viral Related Oncogene Homolog (LYN)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of LYN expressed in E. coli.
Isotype:	IgG _{2b}
Form:	Liquid
Purification:	Unpurified ascites.

Datasheet

Version: 2.0.0
Revision date: 06 Mar 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P07948 ([UniProt](#), [ExPASy](#))

Gene Symbol: LYN

GeneID: [4067](#)

OMIM: [165120](#)

HGNC: 6735

KEGG: hsa:4067

Ensembl: ENSG00000254087

String: [9606.ENSP00000428924](#)

Molecular Weight: 56 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.