

Product datasheet

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ARG64573 anti-Lyn antibody

Package: 100 μg Store at: -20°C

Summary

Product Description Goat Polyclonal antibody recognizes Lyn

Tested Reactivity Hu
Predict Reactivity Cow
Tested Application WB
Host Goat

Clonality Polyclonal

Isotype IgG

Target Name Lyn

Species Human

ImmunogenC-KTQPVRNTERTConjugationUn-conjugated

Alternate Names JTK8; Lck/Yes-related novel protein tyrosine kinase; V-yes-1 Yamaguchi sarcoma viral related oncogene

homolog; p56Lyn; Tyrosine-protein kinase Lyn; p53Lyn; EC 2.7.10.2

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 μg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Purified from goat serum by antigen affinity chromatography.

Buffer Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.

Preservative 0.02% Sodium azide

Stabilizer 0.5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links <u>GeneID: 4067 Human</u>

Swiss-port # P07948 Human

Background This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell

degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

Research Area Signaling Transduction antibody; Src Family Protein Tyrosine Kinases antibody

Calculated Mw 59 kDa

PTM Ubiquitinated by CBL, leading to its degradation. Ubiquitination is SH3-dependent.

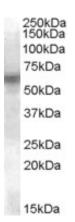
Autophosphorylated. Phosphorylated on tyrosine residues in response to KIT signaling. Phosphorylation

at Tyr-397 is required for optimal activity. Phosphorylation at Tyr-508 inhibits kinase activity.

Phosphorylated at Tyr-508 by CSK. Dephosphorylated by PTPRC/CD45. Becomes rapidly phosphorylated

upon activation of the B-cell receptor and the immunoglobulin receptor FCGR1A.

Images



ARG64573 anti-Lyn antibody WB image

Western blot: U937 lysate (35 μ g protein in RIPA buffer) stained with ARG64573 anti-Lyn antibody at 0.1 μ g/ml dilution.