
Product Name: KD-Validated LYN Proto-Oncogene Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA00979

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 58.6kDa

Antigen Information

Gene Name	LYN LYN Proto-Oncogene, Src Family Tyrosine Kinase; JTK8; V-Yes-1 Yamaguchi Sarcoma Viral
Alternative Names	Related Oncogene Homolog; Lck/Yes-Related Novel Protein Tyrosine Kinase; Tyrosine-Protein Kinase Lyn; EC 2.7.10.2; P53Lyn; P56Lyn; EC 2.7.10; SAIDV
Gene ID	4067.0
SwissProt ID	P07948
Immunogen	A synthesized peptide derived from human Lyn

Background

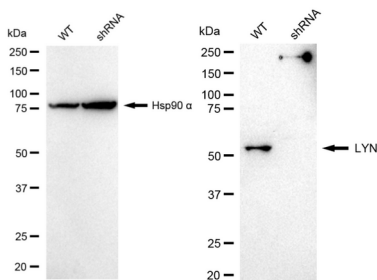
This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid

differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

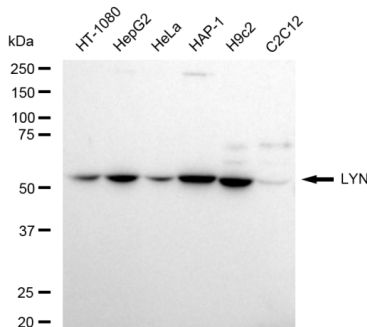
Research Area

Signal Transduction

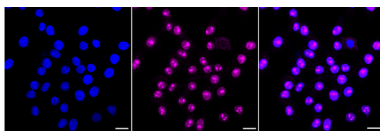
Image Data



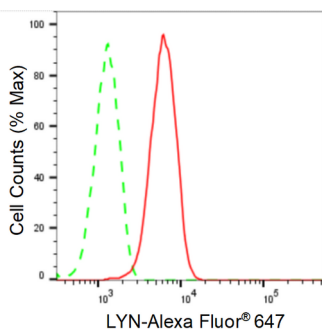
Western blotting analysis using LYN antibody (KVA00979). LYN expression in wild type (WT) and LYN shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with LYN antibody (KVA00979, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using LYN antibody (KVA00979). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with LYN antibody (KVA00979, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with LYN antibody (KVA00979, 1:1,000). Nuclei were stained blue with DAPI; LYN was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: High. Scale bar: 20 µm.



Flow cytometric analysis of LYN expression in HepG2 cells using LYN antibody (KVA00979, 1:2,000). Green, isotype control; red, LYN.