

Anti-Lyn Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

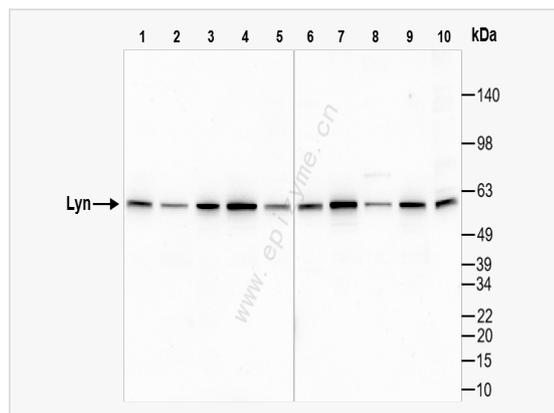
Catalog # R015139

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	54J29I60
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Lyn
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Lyn Rabbit mAb [54J29I60] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	AA407514, EC 2.7.10.2, FLJ26625, Hck 2, JTK 8, JTK8, Lck/Yes related novel protein tyrosine kinase, LYN, LYN proto oncogene, Src family tyrosine kinase, LYN_HUMAN, ONCOGENE LYN, p53Lyn, p56Lyn, Tyrosine protein kinase LYN, Tyrosine-protein kinase Lyn, V yes 1 Yamaguchi sarcoma viral related oncogene homolog, Yamaguchi sarcoma viral (v yes 1) related oncogene homolog.
Calculated MW	Calculated MW: 59 kDa; Observed MW: 59 kDa
Uniprot ID	P07948
Gene ID	4067
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]
Cellular Location	Cell membrane. Nucleus. Cytoplasm. Cytoplasm > perinuclear region. Golgi apparatus. Accumulates in the nucleus by inhibition of CRM1-mediated nuclear export. Nuclear accumulation is increased by inhibition of its kinase activity. The trafficking from the Golgi apparatus to the plasma membrane occurs in a kinase domain-dependent but kinase activity independent manner and is mediated by exocytic vesicular transport.
Tissue Location	Widely expressed in a variety of organs, tissues, and cell types such as epidermoid, hematopoietic, and neuronal cells. Expressed in primary neuroblastoma tumors.



Western Blot - Anti-Lyn Rabbit mAb [54J29I60]

All lanes: R015139 at 1:1,000 dilution

Lane 1: A549 (Human lung carcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 6: 293T (Human embryonic kidney cell) whole cell lysates

Lane 7: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 8: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 9: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 10: Rat liver whole tissue lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 59 kDa

Observed band size: 59 kDa

Developed using the ECL technique (Cat. No. SQ201).