

Anti-Fyn Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

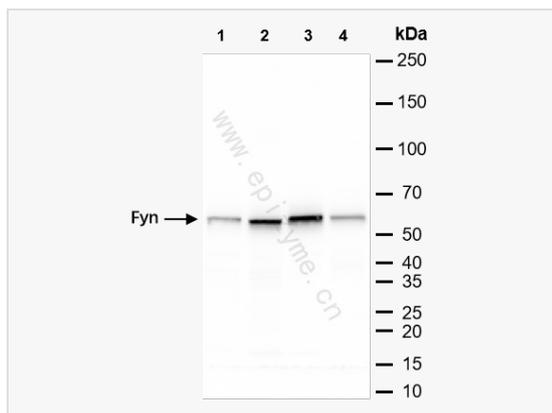
Catalog # R014183

Product Information

Application	WB, ELISA
Reactivity	Human, Rat, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	54L16S68
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Fyn
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-Fyn Rabbit mAb [54L16S68] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	C syn protooncogene, Fyn, FYN oncogene related to SRC FGR YES, FYN_HUMAN, OKT3 induced calcium influx regulator, P59 FYN, p59-Fyn, Protein tyrosine kinase fyn, Proto oncogene tyrosine protein kinase fyn, Proto-oncogene c-Fyn, Proto-oncogene Syn, Protooncogene Syn, SLK, Src like kinase, Src yes related novel gene, Src-like kinase, Src/yes related novel, SYN, Tyrosine kinase p59fyn T, Tyrosine kinase p59fyn(T), Tyrosine-protein kinase Fyn.
Calculated MW	Calculated MW: 61 kDa; Observed MW: 60 kDa
Uniprot ID	P06241
Gene ID	2534
Background	Tyrosine-protein kinase implicated in the control of cell growth. Plays a role in the regulation of intracellular calcium levels, with isoform 2 showing the greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. Required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension.
Cellular Location	Cell membrane. Present and active in lipid rafts. Present in cell body and along the process of mature and developing oligodendrocytes.
Tissue Location	Isoform 1 is highly expressed in the brain. Isoform 2 is expressed in cells of hemopoietic lineages, especially T lymphocytes.



Western Blot - Anti-Fyn Rabbit mAb [54L16S68]

All lanes: R014183 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 3: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell 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: 61 kDa

Observed band size: 60 kDa

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