

Product Datasheet

Fyn Antibody

Catalog No: CY5226

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, ICC/IF



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Information

UniProt ID: P06241

All Names: P59 FYN, Protein tyrosine kinase fyn, SLK, Src like kinase, Src yes related novel gene, SYN, Tyrosine kinase p59fyn, Fyn, C syn protooncogene, OKT3 induced calcium influx regulator

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 60 kDa

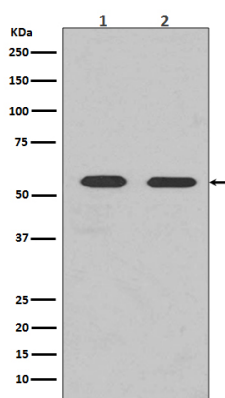
Application

WB: 1:1000~1:2000

ICC/IF: 1:50~1:200

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. Blocks axon outgrowth and attraction induced by NTN1 by phosphorylating its receptor DDC. Phosphorylates RUNX3.



Western blot analysis of Fyn expression in (1) Mouse brain lysates; (2) HEK293 cell lysates.

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