



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP54696_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/lyn-antibody-n-terminal-region-fitc-arp54696-p050-fitc.html">www.avivasysbio.com/lyn-antibody-n-terminal-region-fitc-arp54696-p050-fitc.html</a>
<b>Name</b>	LYN Antibody - N-terminal region : FITC (ARP54696_P050-FITC)
<b>Protein Size (# AA)</b>	512 amino acids
<b>Molecular Weight</b>	58kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	4067
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog
<b>Alias Symbols</b>	JTK8, p53Lyn, p56Lyn
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">DPTS NKQQR PVPE SQLLP GQR FQTKD PEE QGDIV VALYPYDGIHPDDLSE</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	LYN down regulates expression of stem cell growth factor receptor (KIT).LYN acts as an effector of EpoR (erythropoietin receptor) in controlling KIT expression and may play a central role in erythroid differentiation during the switch between proliferation and maturation.LYN acts as a positive regulator of cell movement while negatively regulating adhesion to stromal cells by inhibiting the ICAM-1-binding activity of beta-2 integrins. LYN acts as the mediator that relays suppressing signals from the chemokine receptor CXCR4 to beta-2 integrin LFA-1 in hematopoietic precursors. Involved in induction of stress-activated protein kinase (SAPK), but not ERK or p38 MAPK, in response to genotoxic agents.LYN induces SAPK by a MKK7- and MEKK1-dependent mechanism. The LYN -> MEKK1 -> MKK7 -> SAPK pathway is functional in the induction of apoptosis by genotoxic agents.
<b>Protein Interactions</b>	UBC; IKBKG; TRIM28; EGFR; RGS16; TNF; IL1B; ANGPT2; DKFZP434K028; CNOT10; TGDS; CBX6; FBXO28; ZNF423; RASSF8; FRS2; HBS1L; TUBB4A; SH2D3C; RIMS2; DDX21; KYNU; TNFSF12; PIK3R3; YEATS4; ZNF189; UGP2; HSP90B1; TADA2A; SLC12A4; RDX; PRKCB; SCIMP; LNP1; RNF180
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-LYN (ARP54696_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-LYN (ARP54696_P050-FITC) antibody is <a href="#">Catalog # AAP54696</a> (Previous Catalog # AAPP42125)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human LYN
<b>UniProt ID</b>	<a href="#">P07948</a>
<b>Protein Name</b>	Tyrosine-protein kinase Lyn
<b>Sample Type Confirmation</b>	LYN is strongly supported by BioGPS gene expression data to be expressed in HeLa
<b>Protein Accession #</b>	<a href="#">NP_002341</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_002350</a>
<b>Gene Symbol</b>	<a href="#">LYN</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 93%; Sheep: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two outer arms of the Y represent the antigen-binding sites.

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