



# SZABO SCANDIC

Part of Europa Biosite

## 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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Product Number	ARP54696_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/lyn-antibody-n-terminal-region-biotin-arp54696-p050-biotin.html">www.avivasysbio.com/lyn-antibody-n-terminal-region-biotin-arp54696-p050-biotin.html</a>
Name	LYN Antibody - N-terminal region : Biotin (ARP54696_P050-Biotin)
Protein Size (# AA)	512 amino acids
Molecular Weight	58kDa
Conjugation	Biotin
NCBI Gene Id	4067
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog
Alias Symbols	JTK8, p53Lyn, p56Lyn
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">DPTS NKQQR PVPE SQLLPGQR FQTKDPEEQGDIVVALYPYDGIHPDDLSE</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	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
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-LYN (ARP54696_P050-Biotin) antibody</a>
Blocking Peptide	For anti-LYN (ARP54696_P050-Biotin) antibody is <a href="#">Catalog # AAP54696</a> (Previous Catalog # AAPP42125)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LYN
UniProt ID	<a href="#">P07948</a>
Protein Name	Tyrosine-protein kinase Lyn
Sample Type Confirmation	LYN is strongly supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	<a href="#">NP_002341</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_002350</a>
Gene Symbol	<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 antigen-binding sites are formed by the N-termini of the light chains.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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