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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54696_P050-HRP
Product Page	www.avivasysbio.com/lyn-antibody-n-terminal-region-hrp-arp54696-p050-hrp.html
Name	LYN Antibody - N-terminal region : HRP (ARP54696_P050-HRP)
Protein Size (# AA)	512 amino acids
Molecular Weight	58kDa
Conjugation	HRP: Horseradish Peroxidase
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: DPTS NKQQR PVPE SQLLP GQR FQTKDPEEQGDIVVALYPYDGIHPDDLSE
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 anti-LYN (ARP54696_P050-HRP) antibody
Blocking Peptide	For anti-LYN (ARP54696_P050-HRP) antibody is Catalog # AAP54696 (Previous Catalog # AAPP42125)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LYN
Uniprot ID	P07948
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 #	NP_002341
Purification	Affinity Purified
Nucleotide Accession #	NM_002350
Gene Symbol	LYN

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 93%; Sheep: 100%
Image 1	

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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