

Rabbit anti-Mouse Lyn Polyclonal Antibody | anti-Lyn antibody

Mouse Lyn Antibody (N-term)

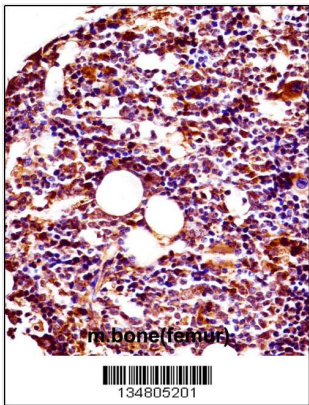
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285087	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

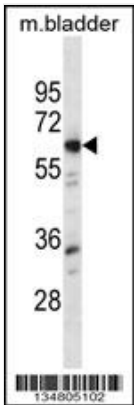
Lyn; Polyclonal Antibody; Mouse Lyn Antibody (N-term); Tyrosine-protein kinase Lyn; V-yes-1 Yamaguchi sarcoma viral related oncogene homolog; p53Lyn; p56Lyn; anti-Lyn antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Lyn antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of mouse Lyn.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	491
Applicable Applications for anti-Lyn antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
Mouse Lyn Antibody (N-term) (AAA285087)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse bone(femur) followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Lyn Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Lyn Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the Lyn antibody detected the Lyn protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Lyn antibody	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. 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. 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 (By similarity). Down regulates expression of stem cell growth factor receptor (KIT). 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.
Product Categories/Family for anti-Lyn antibody	Signal Transduction
References	Scapini, P., et al. J. Exp. Med. 207(8):1757-1773(2010) Gutierrez, T., et al. Eur. J. Immunol. 40(7):1897-1905(2010) Charles, N., et al. Nat. Med. 16(6):701-707(2010) Keck, S., et al. J. Immunol. 184(10):5809-5818(2010) Alvarez-Errico, D., et al. J. Immunol. 184(9):5000-5008(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	161760636
NCBI GeneID	17096
NCBI Accession #	NP_001104566.1
NCBI GenBank Nucleotide #	NM_001111096.1
UniProt Accession #	P25911; Q62127
Molecular Weight	58812
NCBI Official Full Name	tyrosine-protein kinase Lyn isoform A
NCBI Official Synonym Full Names	Yamaguchi sarcoma viral (v-yes-1) oncogene homolog
NCBI Official Symbol	Lyn
NCBI Official Synonym Symbols	Hck-2; p53Lyn; p56Lyn; AA407514
NCBI Protein Information	tyrosine-protein kinase Lyn

UniProt Protein Name	Tyrosine-protein kinase Lyn
UniProt Gene Name	Lyn
UniProt Entry Name	LYN_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lyn-antibody-immunohistochemistry-western-blot-elisa/285087>