

Product datasheet for **AP05552PU-N**

LNK (SH2B3) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 0.3 - 1.0µg/ml; detects a band of approximately 70kDa in human MOLT4 cell lysates. (Predicted Mwt. 63.2kDa)
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence NGPALQPSSPC from LNK amino-terminus.
Specificity:	This antibody recognises an epitope within the N-terminal region (NT) of lymphocyte adaptor protein (LNK).
Formulation:	TRIS buffered saline containing 0.02% Sodium Azide and 0.5% Bovine Serum Albumin State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	SH2B adaptor protein 3
Database Link:	Entrez Gene 10019 Human Q9UQQ2



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Background:

LNK is an SH2-containing adaptor protein, which regulates cytokine receptor-mediated and growth factor pathways, and plays an essential role in B cell lymphopoiesis. LNK mRNA is preferentially expressed in lymph node and spleen lymphocytes and the expression of LNK in vascular endothelial cells (ECs), increases in response to TNFalpha. The role of LNK as a negative regulator, includes the down regulation of the pro-inflammatory molecules VCAM-1 and E-selectin induced by TNFalpha, modulation of P13-kinase and MAPK ERK1/2 activity, and negative regulation of Thrombopoietin-mediated cell proliferation and endomitosis in hematopoietic cell lines.

Synonyms:

SH2B3, LNK, SH2B adapter protein 3, Lymphocyte-specific adapter protein Lnk, Signal transduction protein Lnk, Lymphocyte adapter protein