

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LNK/SH2B3 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human LNK/SH2B3 Gln427-Leu575 Accession # Q9UQQ2
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

LNK (also SH2B adaptor protein 3) is a protein intermediary, or LiNK, between cell surface molecules (TPO R; EPO R; SCFR; TCR) and downstream signaling molecules such as PI3 K, Grb2 and Jak2. Although its predicted MW is 63 kDa, it runs anomalously at 75 kDa in SDS-PAGE. LNK is found in hematopoietic cells, and serves to limit responsiveness to growth factor stimulation. Human LNK is 575 amino acids (aa) in length. It contains an N-terminal Phe-zipper segment that likely serves as a dimerization domain (aa 24-81), a PH domain that may interact with membrane lipids (aa 197-305), and an SH2 domain that binds phosphoTyr (aa 364-462).

PRODUCT SPECIFIC NOTICES

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