SignalChem
Specialists in Signaling Proteins
1-866-9 KINASE (54-6273)

Catalogue #	Aliquot Size
F51-63R-100	100 µg

Anti-DYKDDDDK

Rabbit Polyclonal Antibody

Catalog # F51-63R
Lot # R027-7

Cited Applications
- Western blot (1:5000 dilution)

Ideal working dilutions for each application should be empirically determined by the investigator.

Specificity
Recognizes the DYKDDDDK tag

Cross Reactivity
- All proteins tagged with DYKDDDDK epitope

Host
Rabbit

Immunogen
DYKDDDDK peptide conjugated to KLH

Formulation
TBS, 50% glycerol

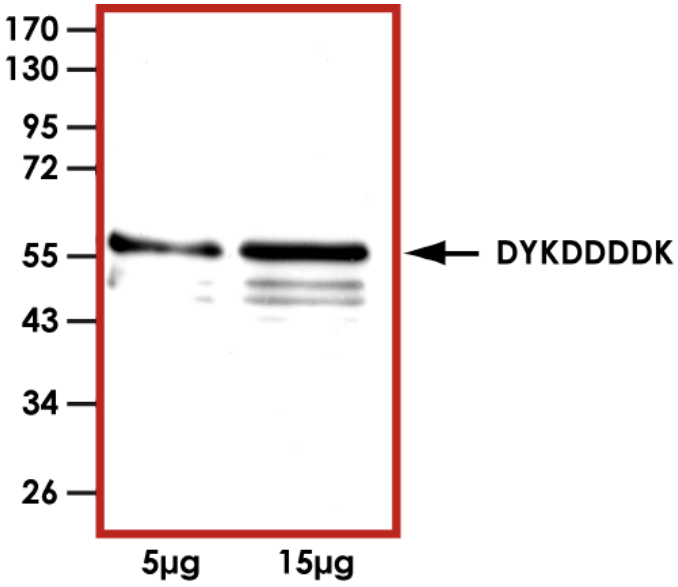
Stability
Store at 4^{0}C (add 0.1% NaN_3) for several months, and at -20^{0}C for longer periods. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles.

Scientific Background
The DYKDDDDK octapeptide is small, highly charged, and hydrophilic, making it useful across a wide variety of applications [1]. It is commonly employed in structural and functional studies where it is necessary to preserve the native confirmation and and/or activity of the protein [2].

References

1. Jarvik, JW. and Telmer, CA: Epitope tagging, Annual Review of Genetics, 1998; 32, 601-618.
2. Larson DM. et al: Functional expression and biochemical characterization of an epitope-tagged connexin37. Mol Cell Biol Res Commun 3: 2000; 115-121.

Sample Data



Representative western blot with Anti-DYKDDDDK (1:5000) using 5 µg, and 15 µg of a positive cell lysate transfected with a DYKDDDDK tagged fusion protein.

Anti-DYKDDDDK

Rabbit Polyclonal Antibody

Catalog Number	F51-63R
Specific Lot Number	R027-7
Purification	Affinity chromatography
Concentration	1.0 µg/µL
Stability	1yr at –20°C from date of shipment
Storage & Shipping	Store product at –20°C. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on ice packs.

To place your order, please contact us by phone 1-(604)-232-4600, fax 1-604-232-4601 or by email: orders@signalchem.com
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