Anti-His
Rabbit Polyclonal Antibody

Catalog # H99-63R
Lot # L2146-9

Cited Applications
- Western blot (1:1000)
- Immunostaining
- ELISA
- Immunoprecipitation

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

Specificity
Recognizes the N-terminal, C-terminal or internal 6X His-tagged fusion protein

Cross Reactivity
- All proteins tagged with 6X His

Host
Rabbit

Immunogen
HHHHHH peptide conjugated to KLH

Formulation
TBS pH 7.2, 50% glycerol

Stability
Store at 4°C (add 0.1% NaN₃) for several months, and at -20°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
This polyhistidine epitope tag is generally comprised of six consecutive histidine amino acid residues located at the N-terminal, C-terminal, or internally [1]. The 6 His-Tag is widely used because of its affinity to bind nickel or cobalt metal ions attached to sepharose, which can then be used to purify the protein in a native or denatured state [2].

References

Sample Data
Representative western blot with Anti-His (1:1000) using 5 µg, 10 µg, 20 µg of HEK 293 cell lysate transfected with a 52 kDa His tagged fusion protein.

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