

PACO63599

Product Information

Size:

50ul

Reactivity:

Escherichia coli

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000

Protein Background:

A DNA-binding protein implicated in transcriptional repression (silencing). Also involved in bacterial chromosome organization and compaction. H-NS binds tightly to AT-rich dsDNA and inhibits transcription. Binds upstream and downstream of initiating RNA polymerase, trapping it in a loop and preventing transcription. Binds to hundreds of sites, approximately half its binding sites are in non-coding DNA, which only accounts for about 10% of the genome.

Gene ID:

hns

Uniprot

P0ACF8

Synonyms:

DNA-binding protein H-NS, Heat-stable nucleoid-structuring protein, Histone-like protein HLP-II, Protein B1, Protein H1, hns, bglY, cur, drdX, hnsA, msyA, osmZ, pilG, topS

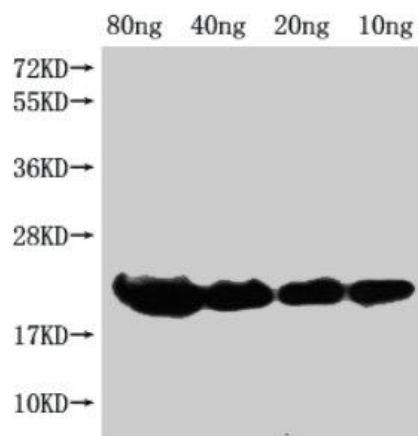
Immunogen:

Recombinant Escherichia coli DNA-binding protein H-NS protein (1-137AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in Recombinant protein. All lanes: hns antibody at 1:2000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 19 kDa. Observed band size: 21 kDa.