

## 6X His tag antibody

## Cat. No. GTX115045

|              |                       |
|--------------|-----------------------|
| Host         | Rabbit                |
| Clonality    | Polyclonal            |
| Isotype      | IgG                   |
| Applications | WB, IHC-Wm, IP, ELISA |
| Reactivity   | Species independent   |

References ( 18 )

 Review ( 1 )

## Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:5000-1:20000       |
| IHC-Wm             | Assay dependent      |
| IP                 | 1:100-1:500          |
| ELISA              | 1:1000-1:10000       |

Not tested in other applications.

## Properties

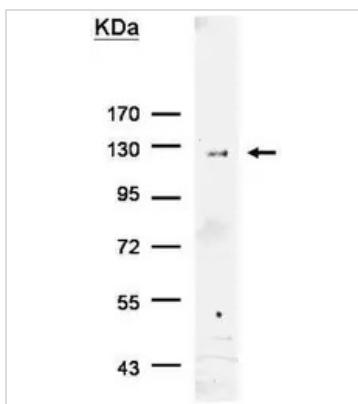
|   |  |
|---|--|
| Form  | Liquid   |
| Buffer  | PBS, 1% BSA, 20% Glycerol  |
| Preservative  | 0.025% ProClin 300   |
| Storage   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration   | 0.1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen   | The immunogen used to generate this antibody corresponds to 6X His tag   |
| Purification  | Purified by antigen-affinity chromatography.   |
| Conjugation   | Unconjugated   |
| For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |  |
| Note  | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.  |



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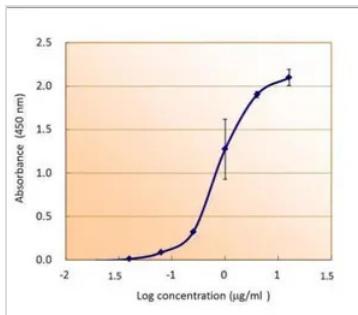
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## DATA IMAGES



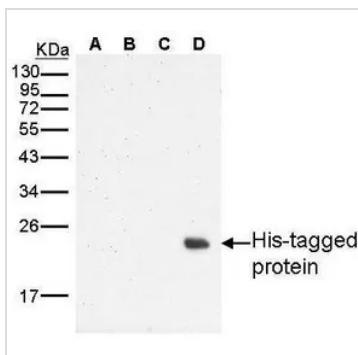
## GTX115045 IP Image

His-tagged protein was immunoprecipitated from transfected cells using 8 ug of 6X His tag antibody (GTX115045). The precipitated His-tagged protein was detected by GTX115045 diluted at 1:500, and used EasyBlot anti-rabbit IgG (GTX221666-01) as secondary reagent.



## GTX115045 ELISA Image

6X His tag antibody detects His-tagged recombinant proteins by indirect ELISA analysis. Various dilutions of His-tagged recombinant proteins coated onto the 96-well plate were detected by using 2.5  $\mu$ g/ml 6X His antibody (GTX115045). Bound Abs were further detected by using HRP-conjugated goat anti-rabbit IgG (GTX213110-01) with HRP substrates.



## GTX115045 WB Image

Sample

A: 10  $\mu$ g of non-transformed E. coli lysate

B: 10  $\mu$ g of non-transformed E. coli lysate, induced

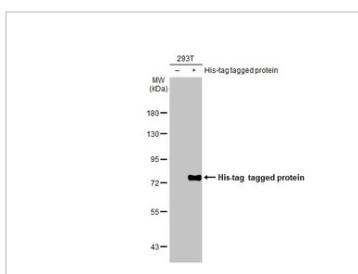
C: 10ug E.coli Lysate harbouring His-tagged recombinant protein (N-terminal linked), non-induced

D: 10ug E.coli Lysate harbouring His-tagged recombinant protein (N-terminal linked), induced

12% SDS PAGE

GTX115045 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX115045 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30  $\mu$ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with 6X His tag antibody (GTX115045) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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