

# Rabbit anti His-tag mAb

Catalog No.: AE086

6 Publications

## Basic Information

### Observed MW

16kDa

### Calculated MW

### Category

Tag antibody

### Applications

ELISA, WB, IF/ICC, IP

### Cross-Reactivity

Species independent

### CloneNo number

ARC2696

## Background

Consecutive histidine residues (usually 6 to 10 in length) are often inserted into the amino acid sequences of recombinant proteins. The resulting His-tagged proteins can be detected by using His antibodies.

## Recommended Dilutions

**WB** 1:2000 - 1:6000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to His tag. The antibody may cross-react with a protein of unknown origin ~60kDa

### Synonyms

His; His tag; His-tag

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

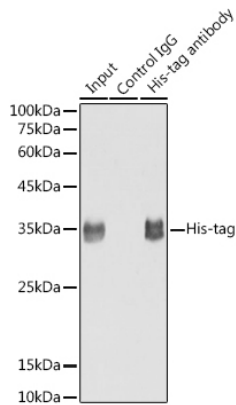
Affinity purification

### Storage

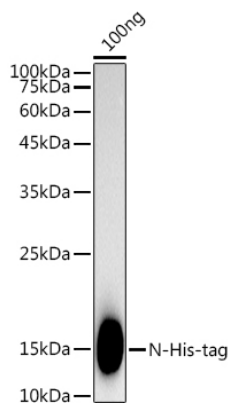
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Immunoprecipitation analysis of 300  $\mu$ g extracts of 293T cells using 3  $\mu$ g His-tag antibody (AE086). Western blot was performed from the immunoprecipitate using His-tag antibody (AE086) at a dilution of 1:30000.



Western blot analysis of lysates from His Protein, using Rabbit anti His-tag mAb (AE086) at 1:5000 dilution.

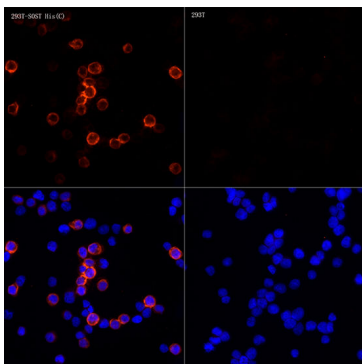
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of 293T-SOST His(C) and 293T cells using Rabbit anti His-tag mAb (AE086) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.