

# Rabbit anti His-tag mAb

Catalog No.: AE086

15 Publications

## Basic Information

### Observed MW

35 kDa, 58 kDa

### Calculated MW

### Category

Tag antibody

### Applications

WB,IF/ICC,IP,ELISA

### 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** 1:10000 - 1:60000

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

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

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Contact

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## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

His;His tag;His-tag

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

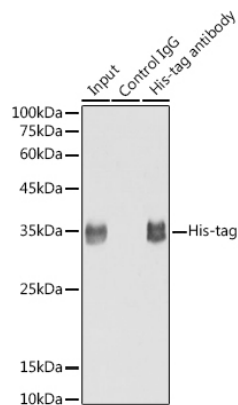
Affinity purification

### Storage

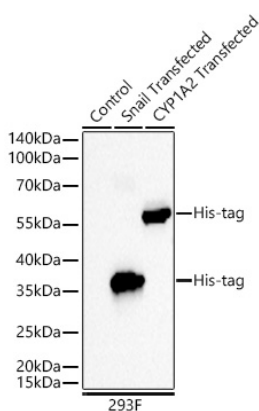
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

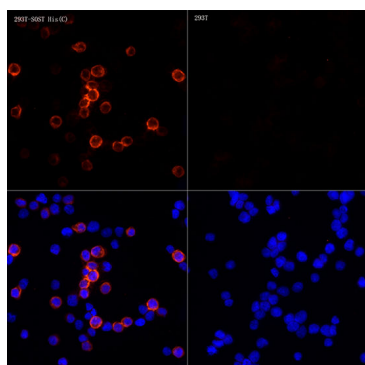
## Validation Data



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg 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 wild type (WT)293F cells, 293F cells transfected with Snail-His-tag and 293F cells transfected with CYP1A2-His-tag using Rabbit anti His-tag mAb (AE086) at 1:11000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 20 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020)  
Exposure time: 10 s.



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.