

# eRF3A/GSPT1 Rabbit mAb

Catalog No.: A25506 **Recombinant**

## Basic Information

### Observed MW

80kDa

### Calculated MW

56kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Rat

### CloneNo number

ARC66181

## Background

Enables translation release factor activity. Involved in regulation of translational termination. Acts upstream of or within protein methylation. Predicted to be located in cytosol. Predicted to be part of translation release factor complex.

## Recommended Dilutions

**WB** 1:10000 - 1:60000

**IHC-P** 1:500 - 1:2000

**IF/ICC** 1:200 - 1:800

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

## Immunogen Information

### Gene ID

2935

### Swiss Prot

P15170

### Immunogen

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

### Synonyms

GST1; ETF3A; eRF3a; 551G9.2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

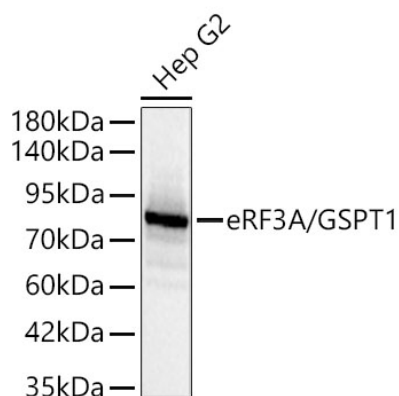
Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from Hep G2 cells using eRF3A/GSPT1 Rabbit mAb (A25506) at 1:10000 dilution.

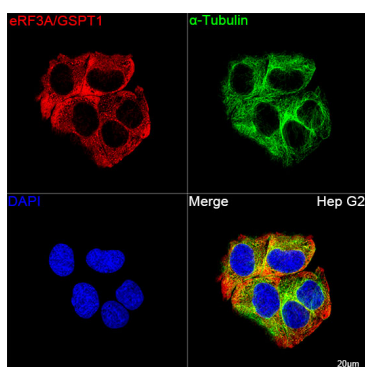
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

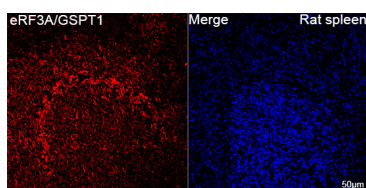
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

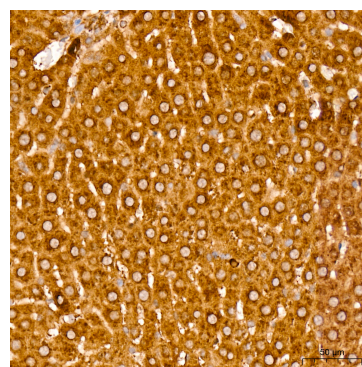
Exposure time: 1s.



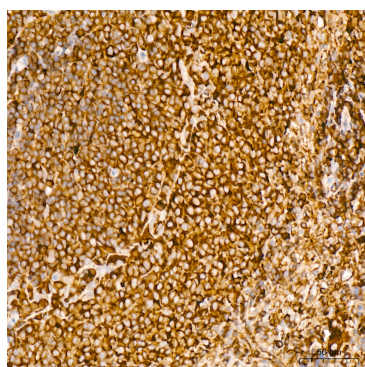
Confocal imaging of Hep G2 cells using eRF3A/GSPT1 Rabbit mAb (A25506, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of paraffin-embedded Rat spleen tissue using eRF3A/GSPT1 Rabbit mAb (A25506, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using eRF3A/GSPT1 Rabbit mAb (A25506) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using eRF3A/GSPT1 Rabbit mAb (A25506) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.