

A11701

Leader in Biomolecular Solutions for Life Science



# HMBS Rabbit mAb

Catalog No.: A11701

Recombinant

## Basic Information

### Observed MW

45-50kDa

### Calculated MW

39kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0685

## Background

This gene encodes a member of the hydroxymethylbilane synthase superfamily. The encoded protein is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane. Mutations in this gene are associated with the autosomal dominant disease acute intermittent porphyria. Alternatively spliced transcript variants encoding different isoforms have been described.

## Recommended Dilutions

**WB** 1:500 - 1:2000

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

## Immunogen Information

### Gene ID

3145

### Swiss Prot

P08397

### Immunogen

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

### Synonyms

UPS; PBGD; PORC; PBG-D; HMBS

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

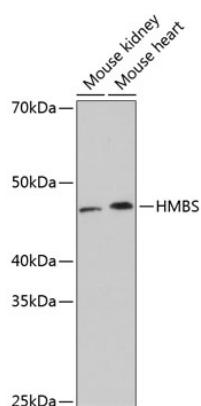
### Storage

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

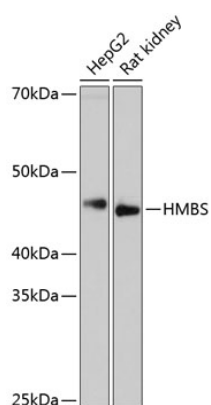
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



## Validation Data



Western blot analysis of various lysates using HMBS Rabbit mAb (A11701) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3min.



Western blot analysis of various lysates using HMBS Rabbit mAb (A11701) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 3min.