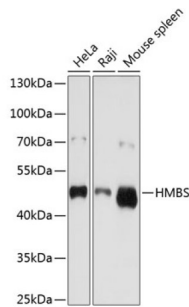


## Porphobilinogen Deaminase (HMBS) Antibody

Catalogue No.: abx001474



Western blot analysis of extracts of various cell lines using HMBS Antibody (1/1000 dilution).

HMBS Antibody is a Rabbit Polyclonal antibody against HMBS. 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. [provided by RefSeq, Jul 2008].

**Target:** Porphobilinogen Deaminase (HMBS)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human HMBS

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P08397 ([UniProt](#), [ExPASy](#))

# Datasheet

Version: 3.0.0  
Revision date: 29 Jun 2025



**Gene Symbol:** HMBS

**GeneID:** [3145](#)

**NCBI Accession:** NP\_000181.2

**KEGG:** hsa:3145

**String:** [9606.ENSP00000278715](#)

**Molecular Weight:** Calculated MW: 33 kDa/34 kDa/37 kDa/39 kDa  
Observed MW: 45 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only