

Datasheet for ABIN1400653  
**anti-HMBS antibody (Biotin)**



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## Overview

Quantity:	100 µL
Target:	HMBS
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMBS antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HMBS/PBGD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	HMBS
Alternative Name:	HMBS ( <a href="#">HMBS Products</a> )
Background:	Synonyms: HEM3_HUMAN, HMBS, Hydroxymethylbilane synthase, PBG D, PBG-D, PBGD, Porphobilinogen deaminase, Pre uroporphyrinogen synthase, Pre-uroporphyrinogen synthase, UPS, Uroporphyrinogen I synthase, Uroporphyrinogen I synthetase. Background: PBGD, also designated hydroxymethylbilane synthase, is a cytoplasmic enzyme

## Target Details

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found in the heme synthesis pathway. PBGD belongs to the HMBS (hydroxymethylbilane synthase) family. Deficiency of PBGD causes errors in pyrrole metabolism, which in turn leads to an inherited autosomal disorder called acute intermittent porphyria (AIP). AIP is characterized by acute attacks of neurological dysfunctions with hypertension, tachycardia, peripheral neurologic disturbances, abdominal pain and excessive amounts of aminolevulinic acid and porphobilinogen in the urine.

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Gene ID: 3145

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months