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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HMBS purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00003145-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human HMBS protein.

Immunogen: HMBS (NP_000181.2, 1 a.a. ~ 361 a.a) full-length human protein.

Sequence:
 MSGNGNAAATAEENSPKMRVIRVGTRKSQLARIQTDSVVATLKASYPGL
 QFEIIMSTTGDKILDTALSKIGEKSLFTKELEHALEKNEVDLVHSLKDLP
 TVLPPGFTIGAICKRENPHDAVVFHPKFVGTKLETLPKESVVGTSLLRRA
 AQLQRKFPHLEFRSIRGNLNTLRKLEDEQEFSAIILATAGLQRMGWHN
 RVGQILHPEECMYAVGQGALGVEVRAKDQDILDVGVLDHPETLLRCIAE
 RAFLRHLEGGCSVPVAVHTAMKDGQLYLTGGVWSLDGDSDSIQETMQAT
 IHVPAQHEDGPEDDPQLVGITARNIPRGPQLAAQNLGISLANLLL SKGAKNI
 LDVARQLNDAH

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

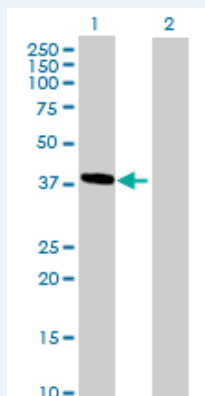
Datasheet: [Download](#)

Publication Reference

1. [Vitamin D3 enhances the apoptotic response of epithelial tumors to aminolevulinic acid-based photodynamic therapy.](#)
 Anand S, Wilson C, Hasan T, Maytin EV. *Cancer Res.* 2011 Aug 1. [Epub ahead of print]

Applications

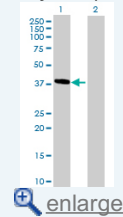
Western Blot (Transfected lysate)



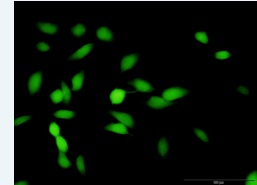
Western Blot analysis of HMBS expression in transfected 293T cell line (H00003145-T01)

Application Image

Western Blot (Transfected lysate)



Immunofluorescence



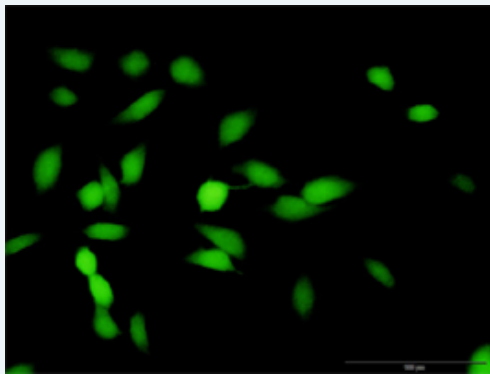
by HMBS MaxPab polyclonal antibody.


Lane 1: HMBS transfected lysate(39.30 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 enlarge this image

Immunofluorescence of purified MaxPab antibody to HMBS on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3145](#)

GeneBank [NM_000190.3](#)
Accession#:

Protein [NP_000181.2](#)
Accession#:

Gene Name: HMBS

Gene Alias: PBG-D,PBGD,UPS

Gene Description: hydroxymethylbilane synthase

Omim ID: [176000](#), [609806](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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]

Other Designations: porphobilinogen deaminase,pre-uroporphyrinogen synthase,uroporphyrinogen I synthase,uroporphyrinogen I synthetase

Gene Pathway

[Metabolic pathways](#) [Porphyrin and chlorophyll metabolism](#)

Related Disease

[Abdominal Pain](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Porphyria](#) [Porphyria, Acute Intermittent](#)

