

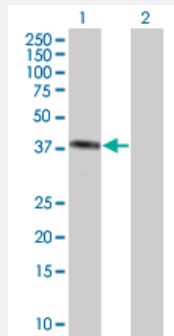
MaxPab®

HMBS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003145-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HMBS expression in transfected 293T cell line ([H00003145-T01](#)) by HMBS MaxPab polyclonal antibody.

Lane 1: HMBS transfected lysate(39.71 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MSGNGNAAATAEENSPKMRVIRVGTRKSQLARIQTDSVVATLKASYPGLQFEIIMSTTGDKILDTA LSKIGEKSFLTKELEHALEKNEVDLVVHSLKDLPTVLPFGFTIGAICKRENPHDAVVFHPKFVGKTL ETLPEKSVVGTSSLRRAAQLQRKFPHFLEFRSIRGNLNTRLRKLDEQQEFSAILATAGLQRMGWHN RVGQILHPEECMYAVGQGALGVEVRAKDQDILDVLGVLDHPETLLRCIAERAFLRHLEGGCSVPV AVHTAMKDGQLYLTGGVWSLDGSDSIQETMQATIHVPAQHEDGPEDDPQLVGITARNIPRGPQLA AQNLGISLANLLLSKGAKNILDVARQLNDAH
Host	Mouse
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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of HMBS expression in transfected 293T cell line ([H00003145-T01](#)) by HMBS MaxPab polyclonal antibody.

Lane 1: HMBS transfected lysate(39.71 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — HMBS

Entrez GeneID [3145](#)

GeneBank Accession# [NM_000190.3](#)

Protein Accession# [NP_000181.2](#)

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

Pathway

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

Disease

- [Abdominal Pain](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Porphyria](#)