

HMBS Polyclonal Antibody

Catalog No.	A1777	Category	Polyclonal Antibodies
Applications	WB	Observed MW	45kDa
Cross-reactivity	Human, Mouse	Calculated MW	33kDa/34kDa/37kDa/39kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-361 of human HMBS (NP_000181.2).
Gene ID	3145
Swiss prot	P08397
Synonyms	HMBS; PBG-D; PBGD; PORC; UPS; porphobilinogen deaminase

Product information

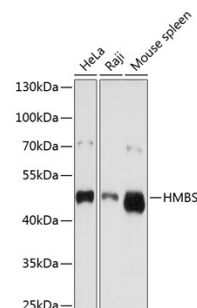
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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



Western blot - HMBS Polyclonal Antibody (A1777)