

Rabbit anti-Human HMBS Polyclonal Antibody | anti-HMBS antibody

Rabbit anti-HMBS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212561	Rabbit	Human	Immunoprecipitation, Western Blot

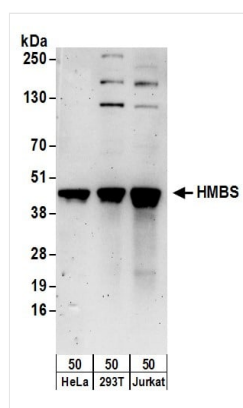
PRODUCT SYNONYMS

HMBS; Polyclonal Antibody; Rabbit anti-HMBS Antibody; Affinity Purified; porphobilinogen deaminase; uroporphyrinogen I synthetase; uroporphyrinogen I synthase; UPS; porphyria; acute; PORC; PBG-D; PBGD; Hydroxymethylbilane synthase; Chester type; pre-uroporphyrinogen synthase; Porphobilinogen deaminase; hydroxymethylbilane synthase; anti-HMBS antibody

PRODUCT SPECIFICATIONS

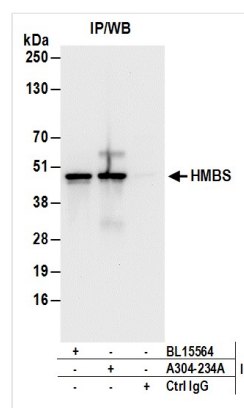
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HMBS antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 311 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human HMBS by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-HMBS antibody AAA212561 (lot AAA212561-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human HMBS by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-HMBS antibody AAA212561 (lot AAA212561-1) used for IP at 6 ug/mg lysate. HMBS was also immunoprecipitated by rabbit anti-HMBS antibody BL15564. For blotting immunoprecipitated HMBS, AAA212561 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HMBS antibody	Hydroxymethylbilane synthase (HMBS) is a member of the hydroxymethylbilane synthase superfamily. HMBS is the third enzyme of the heme biosynthetic pathway and catalyzes the head to tail condensation of four porphobilinogen molecules into the linear hydroxymethylbilane [taken from NCBI Entrez Gene (Gene ID: 3145)].
Product Categories/Family for anti-HMBS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149500
NCBI GeneID	3145
NCBI Accession #	NP_000181.2
NCBI GenBank Nucleotide #	NM_000190.3
UniProt Accession #	P08397; P08396; Q16012; A8K2L0; G3V1P4; G5EA58
Molecular Weight	33,264 Da
NCBI Official Full Name	porphobilinogen deaminase isoform 1
NCBI Official Synonym Full Names	hydroxymethylbilane synthase
NCBI Official Symbol	HMBS
NCBI Official Synonym Symbols	UPS; PBGD; PORC; PBG-D
NCBI Protein Information	porphobilinogen deaminase; porphyria, acute; Chester type; pre-uroporphyrinogen synthase; uroporphyrinogen I synthase; uroporphyrinogen I synthetase
UniProt Protein Name	Porphobilinogen deaminase
UniProt Gene Name	HMBS
UniProt Synonym Gene Names	PBGD; UPS; PBG-D; HMBS
UniProt Entry Name	HEM3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmbs-antibody-immunoprecipitation-western-blot-elisa/212561>