

## ARG58789 anti-HMBS antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HMBS
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HMBS
Species	Human
Immunogen	Recombinant protein corresponding to N6-H361 of Human HMBS.
Conjugation	Un-conjugated
Alternate Names	HMBS; Hydroxymethylbilane synthase; Porphobilinogen deaminase; PORC; PBGD; EC 2.5.1.61; Pre-uroporphyrinogen synthase; PBG-D; UPS

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

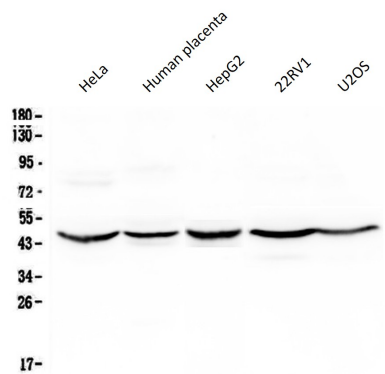
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HMBS
Gene Full Name	hydroxymethylbilane synthase
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. [provided by RefSeq, Jul 2008]
Function	Tetrapolymerization of the monopyrrole PBG into the hydroxymethylbilane pre-uroporphyrinogen in several discrete steps. [UniProt]
Calculated Mw	39 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG58789 anti-HMBS antibody WB image

Western blot: 50 µg of samples under reducing conditions. HeLa, Human placenta, HepG2, 22RV1, U2OS cell lysates stained with ARG58789 anti-HMBS antibody at 0.5 µg/ml, overnight at 4°C.