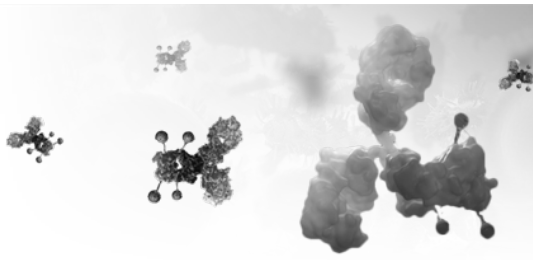

Rabbit Anti-HMBS monoclonal antibody, clone TD76-18 (CABT-L723)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	HMBS
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TD76-18
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB
Molecular Weight	40 kDa
Cellular Localization	Cytoplasm.
Positive Control	Hela, 293T.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	PBGD (porphobilinogen deaminase), also designated hydroxymethylbilane synthase, is a cytoplasmic enzyme found in the heme synthesis pathway. PBGD belongs to the HMBS (hydroxymethylbilane synthase) family. Deficiency of PBGD causes errors in pyrrole metabolism, which in turn leads to an inherited autosomal disorder called acute intermittent porphyria (AIP). AIP is characterized by acute attacks of neurological dysfunctions with hypertension, tachycardia, peripheral neurologic disturbances, abdominal pain and excessive amounts of aminolevulinic acid and porphobilinogen in the urine.
Keywords	HEM3_HUMAN;HMBS;Hydroxymethylbilane synthase;PBG D;PBG-D;PBGD;PORC;Porphobilinogen deaminase;porphyria, acute;Chester type;Pre uroporphyrinogen synthase;Pre-uroporphyrinogen synthase;UPS;Uroporphyrinogen I synthase;Uroporphyrinogen I synthetase antibody

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