

Datasheet for ABIN5539536
anti-HMBS antibody (AA 160-173)

2 Images

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Overview

Quantity:	100 µg
Target:	HMBS
Binding Specificity:	AA 160-173
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HMBS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	HMBS (aa160-173)
Sequence:	HLEFRSIRGN LNTR
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_000181.2, NP_001019553.1, NP_001245137.1, NP_001245138.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

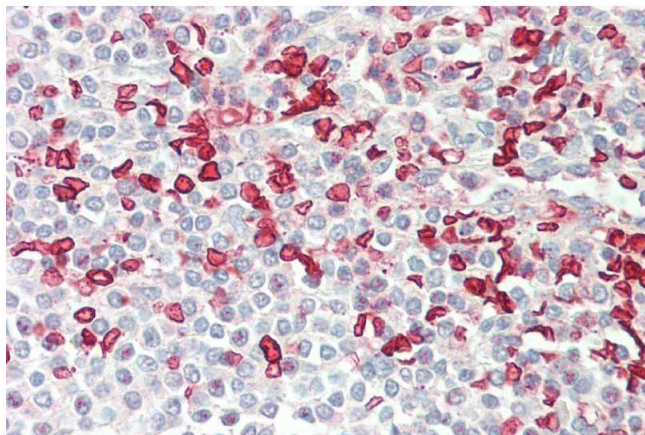
Target:	HMBS
Alternative Name:	HMBS (HMBS Products)
Background:	HMBS, hydroxymethylbilane synthase, PBG-D, PBGD, PORC, UPS, porphobilinogen deaminase, porphyria, acute, Chester type, pre-uroporphyrinogen synthase, uroporphyrinogen I synthase, uroporphyrinogen I synthetase
Gene ID:	3145
NCBI Accession:	NP_000181 , NP_001019553 , NP_001245137 , NP_001245138

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5 µg/mL.</p> <p>Western Blot: Approx 40 kDa band observed in lysates of cell line K562 (calculated MW of 39.3 kDa according to NP_000181.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

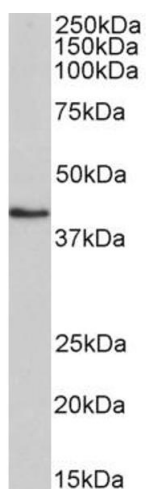
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539536 (5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN5539536 (0.1µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.