

Product Datasheet

ATP7b Antibody (3E10) - Azide and BSA Free H00000540-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000540-M01

ATP7b Antibody (3E10) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	540
Gene Symbol	ATP7B
Species	Human, Rat, Canine
Specificity/Sensitivity	ATP7B - ATPase, Cu ⁺⁺ transporting, beta polypeptide (Wilson disease)
Immunogen	ATP7B (NP_000044, 1372 a.a. ~ 1465 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QLKCYKKPDLERYEAQAHGHMKPLTASQVSVHIGMDDRWRDSPRATPWDQV SYVSQVSLSSLTSDKPSRHSAAADDDGDKWSLLLNGRDEEQYI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

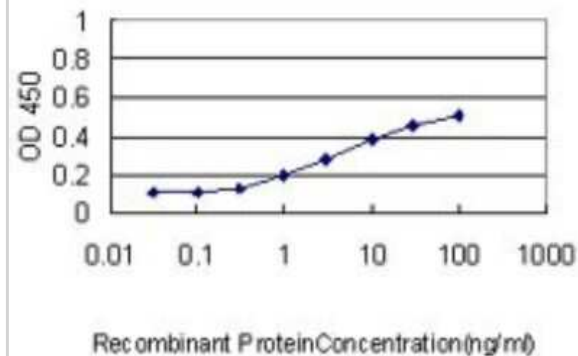


Images

Western Blot: ATP7b Antibody (3E10) [H00000540-M01] - ATP7B monoclonal antibody (M01), clone 3E10. Analysis of ATP7B expression in human colon.



ELISA: ATP7b Antibody (3E10) [H00000540-M01] - ATP7b Antibody (3E10) [H00000540-M01] - Detection limit for recombinant GST tagged ATP7B is approximately 0.3ng/ml as a capture antibody.



Publications

Ansede JH, Wright MR, St Claire RL et al. Characterization of Swich-Cultured Hepatocytes as an In Vitro Model to Assess the Hepatobiliary Disposition of Copper Drug . *Metab Dispos.* 2009-02-23 [PMID: 19237514]



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Products Related to H0000540-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB100-361PEP	ATP7b Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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