

# 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.<br>QLKCYKKPDRLERYEAQAHGHMKPLTASQVSVHIGMDDRWRDSPRATPWDQV<br>SYVSQVSLSSLTSDKPSRHSAADDDGDKWSLLLNGRDEEQYI |
| 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. |

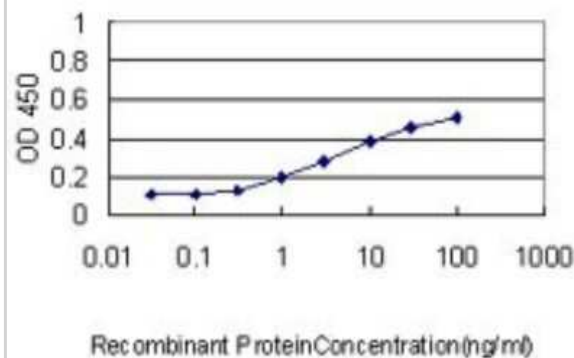


## Images

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

Ansele JH, Wright MR, St Claire RL et al. Characterization of Switch-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 H00000540-M01**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NB100-361PEP     | ATP7b Antibody Blocking Peptide                         |

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### **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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