

## COQ10B Polyclonal Antibody

Catalog: BS65699

Host: Rabbit

Reactivity:

Hu-  
man, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep, Orangutan

### BackGround:

COQ10B, Coenzyme Q10, is a 247 amino acid protein encoded by the human gene COQ10B. COQ10B is a mitochondrial protein that belongs to the COQ10 family. COQ10B is an essential biological cofactor which increases brain mitochondrial concentration and exerts neuroprotective effects. Plasma COQ10B levels decrease in patients with advanced chronic heart failure (CHF) while COQ10B levels in hyperthyroid patients are found among the lowest detected in human diseases. Likewise, COQ10B is elevated in hypothyroid subjects, also in sub-clinical conditions, suggesting the usefulness of this index in assessing metabolic status in thyroid disorders. It is believed that secretion of adrenal hormones is in some way related to COQ10B levels, both in augmented and reduced conditions. However, since thyroid hormones have an important role in modulating COQ10B levels and metabolism, when coexistent, thyroid deficiency seems to play a prevalent role in comparison with adrenal deficiency.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

26 kD, 23 kD, 25 kD

### Swiss-Prot:

Q9H8M1

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

### Storage&Stability:

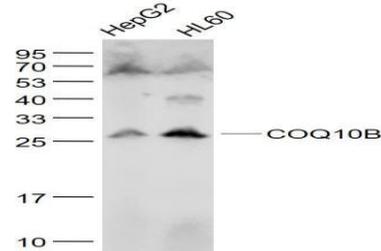
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

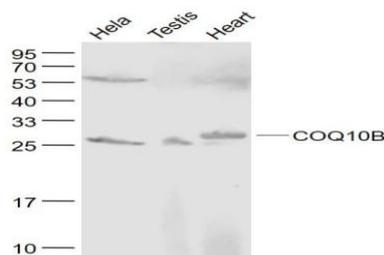
### Specificity:

COQ10B Polyclonal Antibody detects endogenous levels of COQ10B protein.

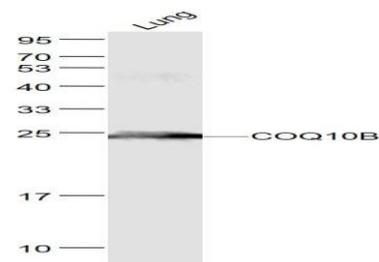
### DATA:



Primary: Anti- COQ10B at 1/1000 dilution



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### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

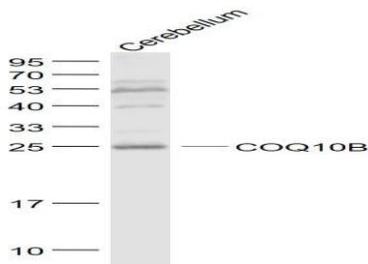
Tel: 0086-025-68037686

Fax: 0086-025-68035151



## PRODUCT DATA SHEET

Bioworld Technology, Inc.



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**Note:**

For research use only, not for use in diagnostic procedure.

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