

bs-25207R**[Primary Antibody]****COQ6 Rabbit pAb****Bioss**
ANTIBODIES

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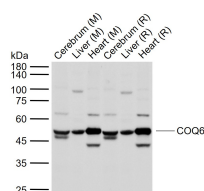
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Human, Pig, Dog, Horse)
GeneID: 51004	SWISS: Q9Y2Z9	Predicted MW.: 51 kDa
Target: COQ6		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human COQ6 : 401-468/468.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The protein encoded by this gene belongs to the ubiH/COQ6 family. It is an evolutionarily conserved monooxygenase required for the biosynthesis of coenzyme Q10 (or ubiquinone), which is an essential component of the mitochondrial electron transport chain, and one of the most potent lipophilic antioxidants implicated in the protection of cell damage by reactive oxygen species. Knockdown of this gene in mouse and zebrafish results in decreased growth due to increased apoptosis. Mutations in this gene are associated with autosomal recessive coenzyme Q10 deficiency-6 (COQ10D6), which manifests as nephrotic syndrome with sensorineural deafness. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jun 2012]		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Mouse Liver tissue lysates Lane 3: Mouse
 Heart tissue lysates Lane 4: Rat Cerebrum tissue
 lysates Lane 5: Rat Liver tissue lysates Lane 6:
 Rat Heart tissue lysates Primary: Anti-COQ6
 (bs-25207R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 51 kDa Observed
 band size: 51 kDa