

bs-8110R**[Primary Antibody]****UMPS Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

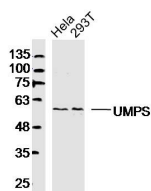
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse, Cynomolgus Monkey, Rhesus monkey)
GeneID: 7372	SWISS: P11172	Predicted MW.: 52 kDa
Target: UMPS		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human UMPS: 351-450/480.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a uridine 5'-monophosphate synthase. The encoded protein is a bifunctional enzyme that catalyzes the final two steps of the de novo pyrimidine biosynthetic pathway. The first reaction is carried out by the N-terminal enzyme orotate phosphoribosyltransferase which converts orotic acid to orotidine-5'-monophosphate. The terminal reaction is carried out by the C-terminal enzyme OMP decarboxylase which converts orotidine-5'-monophosphate to uridine monophosphate. Defects in this gene are the cause of hereditary orotic aciduria. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]		

— VALIDATION IMAGES —

Sample: HeLa(Human)Cell Lysate at 40 ug 293T
(Human) Cell Lysate at 40 ug Primary: Anti-UMPS(bs-8110R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 52kD Observed band size: 52kD