

bs-14506R**[Primary Antibody]****EEPD1 Rabbit pAb****BioSS**
ANTIBODIES

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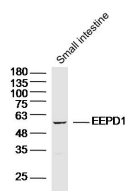
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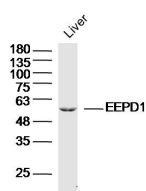
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
GeneID: 80820	SWISS: Q7L9B9	Predicted MW.: 62 kDa
Target: EEPD1		Subcellular Location: Nucleus
Immunogen: KLH conjugated synthetic peptide derived from human EEPD1: 9-100/569.		
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: EEPD1 is a 569 amino acid protein that contains one HhH domain. A significant decrease in the relative transcriptional level of EEPD1 is induced by long-term heat stress exposure. Conversely, EEPD1 is up-regulated in bovine adipogenic processes related to intramuscular preadipocyte differentiation. Encoded by a gene that maps to human chromosome 7p14.2, EEPD1 plays a role in DNA binding and repair. Chromosome 7 makes up about 5% of the human genome and contains 158 million bases encoding more than 1,000 genes. Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome are associated with Chromosome 7.		

— VALIDATION IMAGES —

Sample: Small intestine (Mouse) Lysate at 40 ug
Primary: Anti-EEPD1 (bs-14506R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 62 kD Observed band size: 60 kD



Sample: Liver (Mouse) Lysate at 40 ug Primary:
Anti-EEPD1 (bs-14506R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 62 kD
Observed band size: 60 kD