

**bs-14574R**

**[ Primary Antibody ]**

## ELP4 Rabbit pAb

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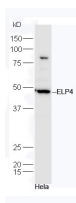
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400-901-9800

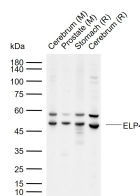
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit)  <b>Predicted MW.:</b> 47 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 26610	<b>SWISS:</b> Q96EB1	
<b>Target:</b> ELP4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ELP4: 321-424/424.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> This gene encodes a membrane-bound protein which is a member of the ELO family, proteins which participate in the biosynthesis of fatty acids. Consistent with the expression of the encoded protein in photoreceptor cells of the retina, mutations and small deletions in this gene are associated with Stargardt-like macular dystrophy (STGD3) and autosomal dominant Stargardt-like macular dystrophy (ADMD), also referred to as autosomal dominant atrophic macular degeneration. [provided by RefSeq, Jul 2008]		

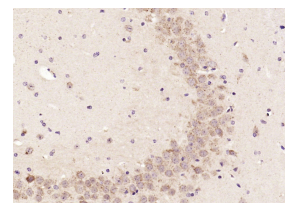
### VALIDATION IMAGES



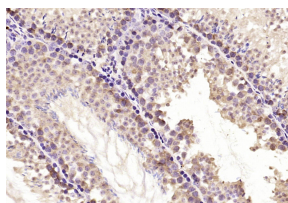
Protein: HeLa(human) lysate at 40ug; Primary: rabbit Anti-ELP4 (bs-14574R) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 47 kD Observed band size: 47 kD



Sample: Lane 1: Mouse Cerebrum tissue lysates  
Lane 2: Mouse Prostate tissue lysates  
Lane 3: Rat Stomach tissue lysates  
Lane 4: Rat Cerebrum tissue lysates  
Primary: Anti-ELP4 (bs-14574R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kDa Observed band size: 50 kDa



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ELP4) Polyclonal Antibody, Unconjugated (bs-14574R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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Unconjugated (bs-14574R) at 1:200 overnight at  
4°C, followed by operating according to SP  
Kit(Rabbit) (sp-0023) instructions and DAB  
staining.