

**bs-14276R****[ Primary Antibody ]****BioSS**  
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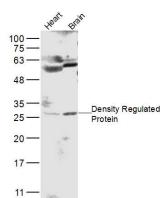
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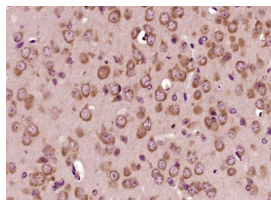
400-901-9800

**Density Regulated Protein Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 8562	<b>SWISS:</b> O43583	<b>IHC-F</b> (1:100-500)
<b>Target:</b> Density Regulated Protein		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Density Regulated Protein: 51-150/198.		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 22 kDa
<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>Subcellular Location:</b> Cytoplasm
<b>Background:</b> This gene encodes a protein whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in cells overexpressing HER-2/neu proto-oncogene. The protein contains an SUI1 domain. In budding yeast, SUI1 is a translation initiation factor that along with eIF-2 and the initiator tRNA-Met, directs the ribosome to the proper translation start site. Proteins similar to SUI have been found in mammals, insects, and plants. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: Heart (Mouse) Lysate at 40 ug Brain (Mouse) Lysate at 40 ug  
 Primary: Anti-Density Regulated Protein (bs-14276R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 22 kD  
 Observed band size: 22 kD



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 (Density Regulated Protein) Polyclonal Antibody, Unconjugated (bs-14276R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=7.9]** Yu-Sheng Shi. et al. Dendrobine rescues cognitive dysfunction in diabetic encephalopathy by inhibiting ferroptosis via activating Nrf2/GPX4 axis. PHYTOMEDICINE. 2023 Jul;154993 WB ;Mouse. 37567006
- **[IF=5.168]** Ruonan Wang. et al. The role of mitochondrial dynamics imbalance in hexavalent chromium-induced apoptosis and autophagy in rat testis. CHEM-BIOL INTERACT. 2023 Apr;374:110424 WB ;Rat. 36849043