

**bs-14460R****[ Primary Antibody ]****DUSP28 Rabbit pAb****BioSS**  
**ANTIBODIES**

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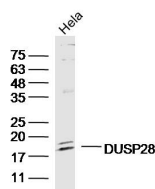
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig, Cow)
<b>GeneID:</b> 285193	<b>SWISS:</b> Q4G0W2	
<b>Target:</b> DUSP28		
<b>Immunogen:</b> Recombinant human DUSP28: 71-176/176.		<b>Predicted MW.:</b> 18 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Extracellular matrix, Cytoplasm
<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> Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members. DUSP28 is a 176 amino acid protein that belongs to the protein-tyrosine phosphatase family and non-receptor class dual specificity subfamily. Containing one tyrosine-protein phosphatase domain, DUSP28 is encoded by a gene that maps to human chromosome 2, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2, including Harlequin ichthyosis, sitosterolemia and Alström syndrome.		

**— VALIDATION IMAGES —**

Sample: HeLa Cell Lysate at 40 ug  
Primary: Anti-DUSP28 (bs-14460R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 18 kD  
Observed band size: 18 kD