

**bs-6143R****[ Primary Antibody ]****PIG3 Rabbit pAb****BioSS**  
**ANTIBODIES**

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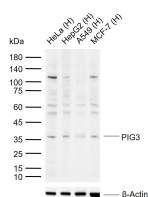
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 9540 <b>Target:</b> PIG3 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PIG3/TP53I3: 151-250/332. <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> The protein encoded by this gene is similar to oxidoreductases, which are enzymes involved in cellular responses to oxidative stresses and irradiation. This gene is induced by the tumor suppressor p53 and is thought to be involved in p53-mediated cell death. It contains a p53 consensus binding site in its promoter region and a downstream pentanucleotide microsatellite sequence. P53 has been shown to transcriptionally activate this gene by interacting with the downstream pentanucleotide microsatellite sequence. The microsatellite is polymorphic, with a varying number of pentanucleotide repeats directly correlated with the extent of transcriptional activation by p53. It has been suggested that the microsatellite polymorphism may be associated with differential susceptibility to cancer. At least two transcript variants encoding the same protein have been found for this gene (from EntrezGene).	<b>Isotype:</b> IgG <b>SWISS:</b> Q53FA7 <b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 36 kDa <b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cytoplasm
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**— VALIDATION IMAGES —**

Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates Lane 3: Human A549 cell lysates Lane 4: Human MCF-7 cell lysates  
 Primary: Anti-PIG3 (bs-6143R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kDa  
 Observed band size: 36 kDa