

bs-3530R**[Primary Antibody]****HIRA Rabbit pAb****BioSS**
ANTIBODIES

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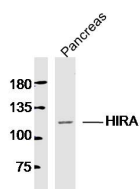
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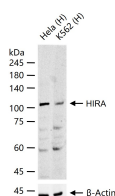
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse)
GeneID: 7290	SWISS: P54198	
Target: HIRA		Predicted MW.: 112 kDa
Immunogen: KLH conjugated synthetic peptide derived from human HIRA/DGGR1: 251-350/1017.		Subcellular Location: Nucleus
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: This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Pancreas (Mouse) Lysate at 40 ug
Primary: Anti-HIRA (bs-3530R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 112 kD
Observed band size: 112 kD



25 ug total protein per lane of various lysates
(see on figure) probed with HIRA polyclonal
antibody, unconjugated (bs-3530R) at 1:1000
dilution and 4°C overnight incubation. Followed
by conjugated secondary antibody incubation at
r.t. for 60 min.