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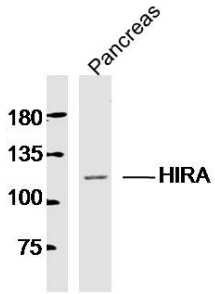
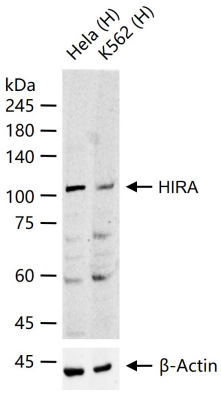
# HIRA Rabbit pAb

| | |
|---|---|
| Catalog Number: | bs-3530R |
| Target Protein: | HIRA |
| Concentration: | 1mg/ml |
| Form: | Liquid |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Isotype: | IgG |
| Applications: | WB (1:500-2000) |
| Reactivity: | Human, Mouse (predicted:Rat, Rabbit, Pig, Cow, Dog, Horse) |
| Predicted MW: | 112 kDa |
| Subcellular Locations: | Nucleus |
| Entrez Gene: | 7290 |
| Swiss Prot: | P54198 |
| Source: | KLH conjugated synthetic peptide derived from human HIRA/DGGR1: 251-350/1017. |
| Purification: | affinity purified by Protein A |
| Storage: | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>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 heterochomatin. 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.