antibodies

Datasheet for ABIN700345 anti-HIRA antibody (AA 251-350)

Image



Overview

Quantity:	100 μL
Target:	HIRA
Binding Specificity:	AA 251-350
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIRA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIRA/DGGR1
lsotype:	lgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
T	
Target Details	
Target:	HIRA

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Alternative Name:	HIRA (HIRA Products)
Background:	Synonyms: DGCR1, DGGR 1, DGGR1, DiGeorge critical region gene 1, HIR, HIR histone cell cycle
	regulation defective homolog A, HIRA, HIRA protein, HIRA_HUMAN, Protein HIRA, TUP 1, TUP1,
	TUP1 like enhancer of split protein 1, TUP1-like enhancer of split protein 1, TUPLE 1, TUPLE1.
	Background: The HIRA gene encodes a histone chaperone that preferentially places the variant
	histone H3.3 in nucleosomes. Orthologs of this gene in flies, yeast 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.
Gene ID:	7290
Pathways:	Chromatin Binding
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C

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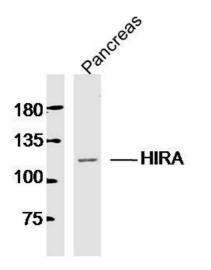
Storage Comment:

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

12 months

Images



Western Blotting

Image 1. Mouse pancreas lysates probed with HIRA Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.