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Datasheet for ABIN7438748

anti-HIST1H2AG antibody (AA 1-130)

3 Images

Overview

Quantity:	100 µL
Target:	HIST1H2AG
Binding Specificity:	AA 1-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2AG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Histone Cluster 1, H2ag (HIST1H2AG)
Immunogen:	Recombinant Histone Cluster 1, H2ag (HIST1H2AG) corresponding to Met1~Lys130 (Accession # P0C0S8) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HIST1H2AG. It has been selected for its ability to recognize HIST1H2AG in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

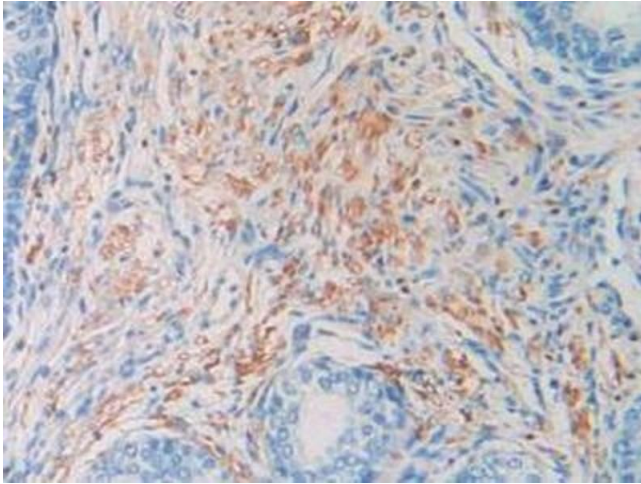
Target:	HIST1H2AG
Alternative Name:	Histone Cluster 1, H2ag (HIST1H2AG Products)
Background:	HIST1H2AM, HIST1H2AL, HIST1H2AK, HIST1H2AI, H2AFP, pH 2A/f, H2A/p, H2A.1b, H2A Histone Family, Member P

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

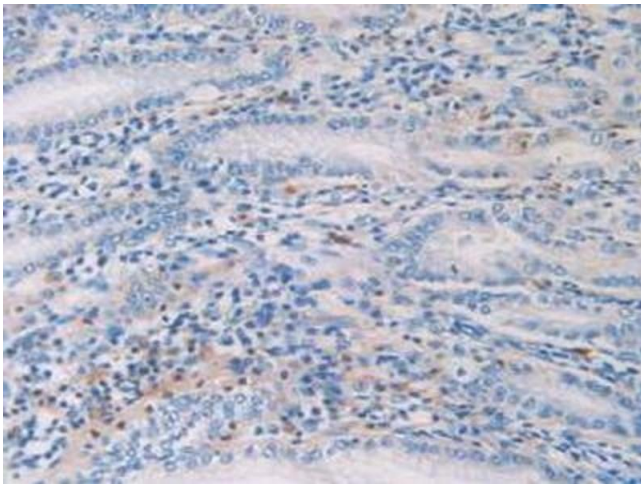
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



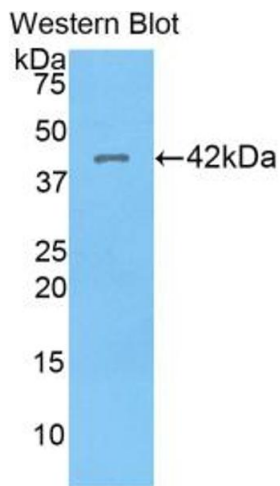
Immunohistochemistry

Image 1. Detection of HIST1H2AG in Human Prostate Gland Tissue using Polyclonal Antibody to Histone Cluster 1, H2ag (HIST1H2AG)



Immunohistochemistry

Image 2. Detection of HIST1H2AG in Human Stomach Tissue using Polyclonal Antibody to Histone Cluster 1, H2ag (HIST1H2AG)



Western Blotting

Image 3. Detection of Recombinant HIST1H2AG, Human using Polyclonal Antibody to Histone Cluster 1, H2ag (HIST1H2AG)