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Datasheet for ABIN7164940 anti-POMP antibody (AA 1-141)

2 Images



Overview

Quantity:	100 µg
Target:	POMP
Binding Specificity:	AA 1-141
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POMP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Proteasome maturation protein (1-141AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POMP
Alternative Name:	POMP (POMP Products)
Background:	Background: Molecular chaperone essential for the assembly of standard proteasomes and
	immunoproteasomes. Degraded after completion of proteasome maturation. Mediates the

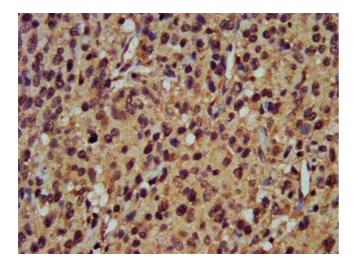
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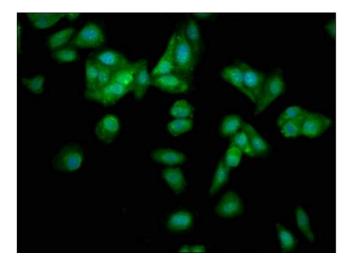
Target Details

UniProt:	Q9Y244
	potassium channel beta subunit 4.1 antibody
	subunit 4.1 antibody, Voltage-gated K channel beta subunit 4.1 antibody, voltage-gated
	antibody, UMP1 antibody, UMP1, yeast, homolog of antibody, Voltage gated K channel beta
	maturation protein antibody, Proteassemblin antibody, Protein UMP1 homolog antibody, UMP 1
	PNAS 110 antibody, PNAS110 antibody, Pomp antibody, POMP_HUMAN antibody, Proteasome
	antibody, HSPC 014 antibody, HSPC036 protein antibody, hUMP 1 antibody, hUMP1 antibody,
	Aliases: 2510048006Rik antibody, C13orf12 antibody, Chromosome 13 open reading frame 12
	association of 20S preproteasome with the endoplasmic reticulum.

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunohistochemistry

Image 1. IHC image of ABIN7164940 diluted at 1:400 and staining in paraffin-embedded human glioma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7164940 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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