# .-online.com antibodies

# Datasheet for ABIN1881723 anti-RAB8A antibody

4 Images

2 Publications



### Overview

Quantity:	400 µL
Target:	RAB8A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB8A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

# Product Details

Immunogen:	This RAB8A antibody is generated from rabbits immunized with human RAB8A recombinant	
	protein.	
Clone:	RB22933	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	

# Target Details

Target:	RAB8A	
Alternative Name:	RAB8A (RAB8A Products)	
Background:	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S	
	core structure. The core structure is composed of 4 rings of 28 non-identical subunits, 2 rings	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN1881723 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

## Target Details

	are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes
	are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an
	ATP/ubiquitin-dependent process in a non-lysosomal pathway. Anessential function of a
	modified proteasome, the immunoproteasome, is the processing of class I MHC peptides.
	RAB8A is a member of the peptidase T1A family, that is a 20S core alpha subunit. A
	pseudogene has been identified on the Y chromosome.
Molecular Weight:	23668
NCBI Accession:	NP_005361
UniProt:	P61006
Pathways:	M Phase, Regulation of long-term Neuronal Synaptic Plasticity, SARS-CoV-2 Protein
	Interactome
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions:	For Research

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Use only

### Publications

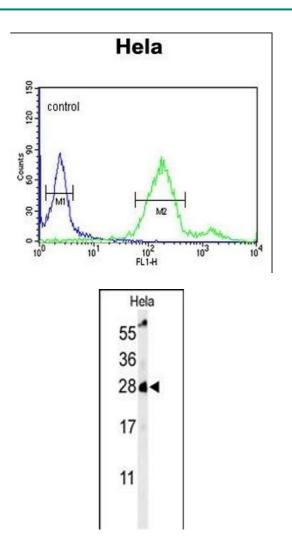
Product cited in:Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical<br/>characterization of highly gamma-carboxylated recombinant human prothrombin." in: Journal<br/>of chromatography. A, Vol. 1325, pp. 171-8, (2014) (PubMed).

Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN1881723 | 09/11/2023 | Copyright antibodies-online. All rights reserved. is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) (PubMed).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) (PubMed).

#### Images



#### **Flow Cytometry**

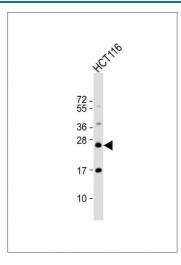
**Image 1.** RAB8A Antibody (ABIN1881723 and ABIN2842586) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### Western Blotting

**Image 2.** Western blot analysis of RAB8A Antibody (ABIN1881723 and ABIN2842586) in Hela cell line lysates (35 µg/lane). RAB8A (arrow) was detected using the purified Pab.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN1881723 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

#### Images



#### Western Blotting

**Image 3.** Anti-RAB8A Antibody at 1:1000 dilution + HC whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN1881723.