# -online.com antibodies

Datasheet for ABIN2482210 anti-HA2 antibody (APC)

2 Images



### Overview

Quantity:	100 µg
Target:	HA2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HA2 antibody is conjugated to APC
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

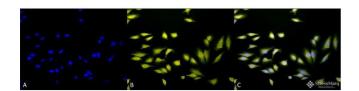
Immunogen:	Aha2
Specificity:	Cross reacts with Aha1.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Protein A Purified

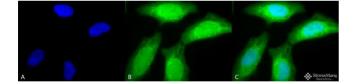
## Target Details

Target:	HA2
Alternative Name:	AHA2 (HA2 Products)
Background:	The Arabidopsis protein RIN4 is a well known regulator of plant immunity. The plasma membrane H+-ATPases Aha1 and Aha2 are one class of RIN4-associated proteins (1-5). Aha1
	and Aha2 play a crucial role in resisting pathogen invasion- plants use RIN4 to regulate H+- ATPase activity during immune responses, thereby controlling stomatal apertures during

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 1/3 | Product datasheet for ABIN2482210 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
	pathogen attack (1). Wild type AHA2 has been found to be localized to the plasma membrane, and has also been found in the ER (4).
Gene ID:	130872
Pathways:	Cellular Glucan Metabolic Process, Proton Transport
Application Details	
Application Notes:	<ul> <li>WB (1:1000)</li> <li>ICC/IF (1:80)</li> <li>optimal dilutions for assays should be determined by the user.</li> </ul>
Comment:	1 μg/ml of ABIN2482210 was sufficient for detection of Aha2 in 20 μg of rat tissue lysate by colorimetric immunoblot analysis using Goat anti-rat IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
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
Storage Comment:	Conjugated antibodies should be stored at 4°C





#### Immunofluorescence (fixed cells)

**Image 1.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-AHA2 Polyclonal Antibody . Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-AHA2 Polyclonal Antibody at 1:80 for 12 hours at 4°C. Secondary Antibody: R-PE Goat Anti-Rabbit (yellow) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Nucleus. Cytoplasm. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-AHA2 Antibody. (C) Composite. Heat Shocked at 42°C for 1h.

#### Immunofluorescence (fixed cells)

**Image 2.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-AHA2 Polyclonal Antibody . Tissue: Heat Shocked HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-AHA2 Polyclonal Antibody at 1:80 for 12 hours at 4°C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Nucleus. Cytoplasm. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-AHA2 Antibody. (C) Composite. Heat Shocked at 42°C for 1h.

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 3/3 | Product datasheet for ABIN2482210 | 09/11/2023 | Copyright antibodies-online. All rights reserved.