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Datasheet for ABIN361854

anti-AHSA1 antibody

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	AHSA1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHSA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Full Length Mouse Aha1 Protein
Specificity:	Detects ~ 38 kDa.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Protein A Purified

Target Details

Target:	AHSA1
Alternative Name:	AHA1 (AHSA1 Products)
Background:	Aha1 is a member of the HSP90 cochaperone family, and is thought to stimulate HSP90 ATPase activity by competing with p23 and other co-chaperones for HSP90 binding (1, 2). It may affect a step in the endoplasmic reticulum to Golgi trafficking. Aha1 also interacts with

Target Details

HSPCA/HSP90 and with the cytoplasmic tail of the vesicular stomatitis virus glycoproteins (VSV G) (3). Aha1 is expressed in numerous tissues, including the brain, heart, skeletal muscle, and kidney, and at low levels, the liver and placenta. Aha1 might be a potential therapeutic strategy to increase sensitivity to HSP inhibitors (4).

Gene ID: 217737

NCBI Accession: [NP_666148](#)

UniProt: [Q8BK64](#)

Application Details

Application Notes:

- WB (1:1000)
- ICC/IF (1:60)
- optimal dilutions for assays should be determined by the user.

Comment: 1 µl/ml of ABIN361853 was sufficient for detection of Aha1 in 10 µg of mixed human cell lysate by colorimetric immunoblot analysis using Goat anti-mouse 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.

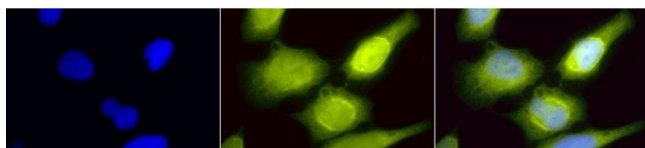
Storage: -20 °C

Storage Comment: -20°C

Publications

Product cited in: Toribio, Brown, Novince, Marlow, Hernon, Lanigan, Hildreth, Werbeck, Shu, Lorch, Carlton, Foley, Boyaka, McCauley, Rosol: "The midregion, nuclear localization sequence, and C terminus of PTHrP regulate skeletal development, hematopoiesis, and survival in mice." in: **FASEB journal** :

Images



Immunocytochemistry

Image 1. Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-AHA1 Polyclonal Antibody (ABIN361853 and ABIN361854). Tissue: Heat Shocked Cervical cancer cell line (HeLa). Species: Human. Fixation: 2 % Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-AHA1 Polyclonal Antibody (ABIN361853 and ABIN361854) at 1:60 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: Cytoplasm. Endoplasmic reticulum. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-AHA1 Antibody. (C) Composite. Heat Shocked at 42 °C for 1h.

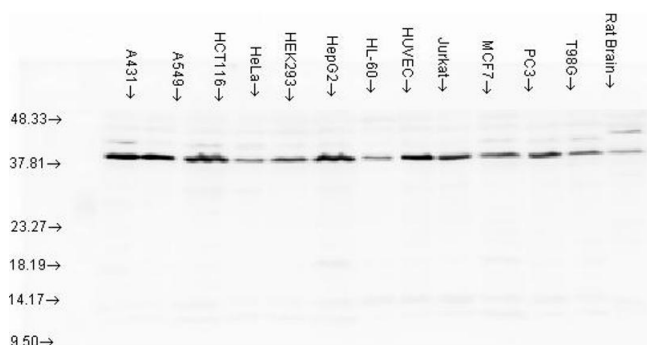


Image 2. Aha1, human cell lines