

Datasheet for ABIN185303 anti-AHI1 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	AHI1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AHI1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	AHI1 / Jouberein
Immunogen:	Peptide with sequence PTAESEAKVKTC, from the N Terminus of the protein sequence according to NP_060121.3, NP_001128303.1, NP_001128302.1, NP_001128304.1.
Sequence:	PTAESEAKVK TC
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	AHI1
Alternative Name:	AHI1 (AHI1 Products)
Background:	AHI1, AHI-1, DKFZp686J1653, FLJ14023, FLJ20069, JBTS3, ORF1, dJ71N10.1, Abelson helper integration site, jouberein, Ahi-1 isoform I, OTTHUMP00000017263, OTTHUMP00000017264, OTTHUMP00000017265, contains SH3 and WD40 domains, Abelson helper integration site 1
Gene ID:	54806
NCBI Accession:	NP_060121 , NP_001128304 , NP_001337433

Application Details

Application Notes:	DS WB Results: Preliminary experiments gave a consistent band at approx 75-80 kDa in Human Cerebellum and Frontal Cortex lysates after 0.5 µg/mL antibody staining and was successfully blocked by incubation with the immunizing peptide. Please note that currently we cannot find an explanation in the literature for this band, given the calculated size of 137 kDa according to NP_060121.3 Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

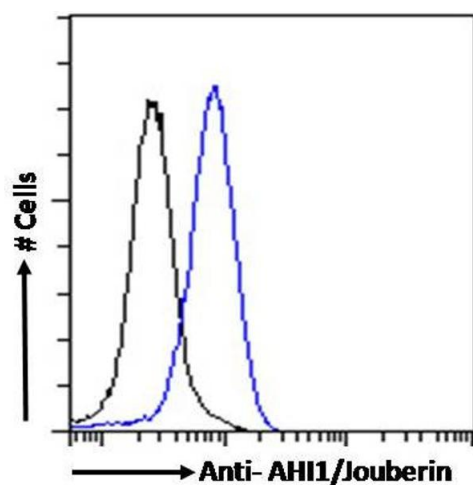
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Lu, Hsieh, Dun, Oprea, Wang, Luo, Lin, Chang, Lee: "Estrogen rapidly modulates 5-hydroxytryptophan-induced visceral hypersensitivity via GPR30 in rats." in: **Gastroenterology**, Vol. 137, Issue 3, pp. 1040-50, (2009) ([PubMed](#)).

Images



Flow Cytometry

Image 1. ABIN185303 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line)