Datasheet for ABIN2782568

anti-ASF1B antibody (Middle Region)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	ASF1B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASF1B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ASF1B
Sequence:	YHGQEFIRVG YYVNNEYLNP ELRENPPMKP DFSQLQRNIL ASNPRVTRFH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Sheep: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ASF1B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ASF1B

Target Details

Alternative Name:	ASF1B (ASF1B Products)
Background:	ASF1B is a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The encoded protein is the substrate of the tousled-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly.This gene encodes a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The encoded protein is the substrate of the tousled-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly. Alias Symbols: CIA-II, FLJ10604 Protein Interaction Partner: UBC, HIST3H3, H3F3A, MMS22L, TONSL, MCM6, HIST4H4, HIST1H3A, KHSRP, IDH1, CDAN1, IPO4, ASF1A, HIST1H3C, TLK2, HIST1H3E, MCM2, HAT1, RBBP7, CHAF1B, HIRA, UL30, UL52, HCFC1, C15orf41, TLK1, HIST1H4F, HIST1H3B, CHAF1A, H3F3B, TAF1, MRPS7, UBXN1, DOK2, HIST1H Protein Size: 202
Molecular Weight:	22 kDa
Gene ID:	55723
NCBI Accession:	NM_018154, NP_060624
UniProt:	Q9NVP2
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 202 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

 Copyright antibodies-online. All rights reserved.

Handling

	sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

Western Blotting

Image 1. WB Suggested Anti-ASF1B Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate ASF1B is supported by BioGPS gene expression data to be expressed in Jurkat