antibodies - online.com







anti-HIC1 antibody (Middle Region)

Image



Publication



Overview

Quantity:	100 μL
Target:	HIC1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HIC1
Sequence:	GETPIAVMGE FANLATSLNP LDPDKDEEEE EEEESEDELP QDISLAAGGE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against HIC1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HIC1
Alternative Name:	HIC1 (HIC1 Products)

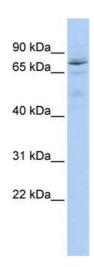
Target Details

Rockground:	HIC1 is a transcriptional correspond HIC1 may get as a tumor suppressor. HIC1 may be involved
Background:	HIC1 is a transcriptional repressor. HIC1 may act as a tumor suppressor. HIC1 may be involved in development of head foce limbs and ventral body wall. Defeats in HIC1 may be a cause of
	in development of head, face, limbs and ventral body wall. Defects in HIC1 may be a cause of the facial dysmorphism and additional birth defects (except for lissencephaly) seen in the
	contiguous gene disorder Miller-Dieker syndrome (MDS), like defective development of the
	nose, jaws, extremities, gastrointestinal tract, and kidney.
	Alias Symbols: ZBTB29, hic-1, ZNF901
	Protein Interaction Partner: PIAS4, PIAS3, PIAS2, SP1, STAT3, SIRT1, MTA1, UBE2I, SUM02,
	HIC2, TCF4, CTBP2, CTBP1, EED, PHF1, EZH2, PHF19, SUZ12, UBC, MBD3, RBBP4, CHD3,
	SENP3, HDAC4, PIAS1, ARID1A, HIC1, HDAC1,
	Protein Size: 714
Molecular Weight:	74 kDa
Gene ID:	3090
NCBI Accession:	NM_006497, NP_006488
UniProt:	Q14526
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 714 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 %
	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

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.
Publications	
Product cited in:	Povlsen, Løfgren, Dalgas, Birkler, Johannsen, Støttrup, Bøtker: "Protection against myocardial ischemia-reperfusion injury at onset of type 2 diabetes in Zucker diabetic fatty rats is associated with altered glucose oxidation." in: PLoS ONE , Vol. 8, Issue 5, pp. e64093, (2013) (PubMed).
	Tsai, Hong, Liou, Liao: "Association study of GOT2 genetic polymorphisms and schizophrenia." in: Psychiatric genetics , Vol. 17, Issue 5, pp. 314, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-HIC1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 721_B cell lysate HIC1 is supported by BioGPS gene expression data to be expressed in 721_B