

Anti-HIC2 Antibody

Catalog # AP52010

Product Information

Application	WB, IF/IC
Primary Accession	Q96JB3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66156

Additional Information

Gene ID	23119
Other Names	HRG22; KIAA1020; ZBTB30; Hypermethylated in cancer 2 protein; Hic-2; HIC1-related gene on chromosome 22 protein; Hic-3; Zinc finger and BTB domain-containing protein 30
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HIC2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

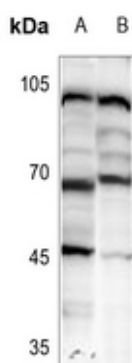
Name	HIC2
Synonyms	HRG22, KIAA1020, ZBTB30
Function	Transcriptional repressor.
Cellular Location	Nucleus.
Tissue Location	Highest levels in cerebellum.

References

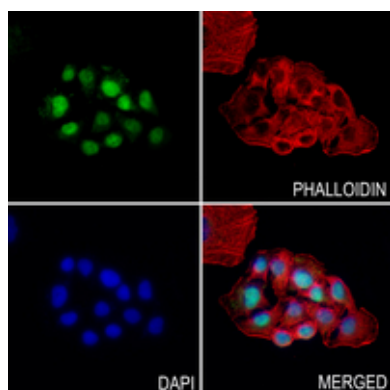
Deltour S.,et al.Biochem. Biophys. Res. Commun. 287:427-434(2001).
Alliel P.M.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.

Kikuno R.,et al.DNA Res. 6:197-205(1999).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).

Images



Western blot analysis of HIC2 expression in HEK293T (A), BV2 (B) whole cell lysates. (Predicted band size: 66 kD; Observed band size: 66; 90 kD)



Immunofluorescent analysis of HIC2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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