

Plakophilin 2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07249
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PKP2. AA range:632-681
Mol wt	97399
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Plakophilin 2 Antibody
Synonyms	PKP2; Plakophilin-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PKP2 encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. PKP2 product may regulate the signaling activity of beta-catenin. Two alternately spliced transcripts encoding two protein isoforms have been identified. A processed pseudogene with high similarity to this locus has been mapped to chromosome 12p13.

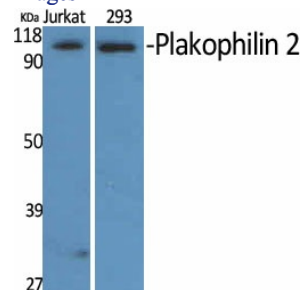
Recommended Dilution

WB: 1: 500 - 1: 2000

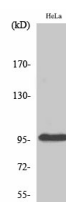
ELISA: 1: 20000

Not yet tested in other applications.

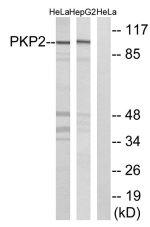
Images



Western Blot analysis of various cells using Plakophilin 2 Polyclonal Antibody diluted at 1:500 cells nucleus.



Western Blot analysis of HepG2 cells using Plakophilin 2 Polyclonal Antibody diluted at 1:500 cells nucleus.



Western blot analysis of lysates from HeLa and HepG2 cells, using PKP2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com