

HCCA2 polyclonal antibody

Catalog: BS60058

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

HCCA2 (Hepatocellular carcinoma-associated gene 2), also known as MOB2 (Mps one binder kinase activator-like 2), is a 467 amino acid protein that belongs to the MOB1/phocein family. HCCA2 is expressed in lung, spleen, brain, and fetal liver. It is highly expressed in hepatocellular carcinoma. HCCA2 is localized in the perinuclear region of the cytoplasm in liver cancer tissues and colocalizes with MAD2L2 in the nucleus of HeLa cells. HCCA2 is characterized by two N-glycosylation sites, six N-myristoylation sites, two Src homology 3 (SH3), and several phosphorylation motifs which indicate that this protein may play a role in an intracellular signal transduction cascade. HCCA2 binds to and regulates the autophosphorylation of the related human serine/threonine kinase 38 (NDR1) and serine/threonine kinase 38L (NDR2). It has been shown that HCCA2 plays a critical role in cell cycle regulation. Overexpression of the protein during the G0/G1 phase inhibits cell proliferation causing cell cycle arrest.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 28 kDa

Swiss-Prot:

Q70IA6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

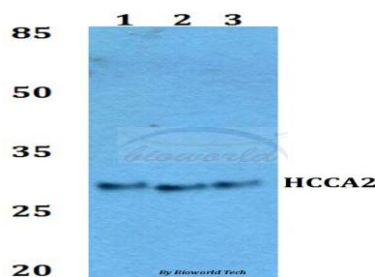
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

HCCA2 polyclonal antibody detects endogenous levels of HCCA2 protein.

DATA:



Western blot (WB) analysis of HCCA2 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat testis tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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