

HNF4 α / γ (K127) polyclonal antibody

Catalog: BCP00891

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

HNF-1 (α and β), HNF-3 (α , β and γ), HNF-4 (α and γ), and HNF-6 compose, in part, a homoeoprotein family designated the Hepatocyte Nuclear Factor family. The various HNF-1 isoforms regulate transcription of genes in the liver as well as in other tissues such as kidney, small intestine and thymus. HNF-3 α , HNF-3 β and HNF-3 γ regulate the transcription of numerous hepatocyte genes in adult liver. HNF-3 α and HNF-3 β have also been shown to be involved in gastrulation events such as body axis formation. HNF-4 α and HNF-4 γ have been shown to be important for early embryo development. HNF-4 α is expressed in liver, kidney, pancreas, small intestine, testis and colon; and HNF-4 γ is expressed in each of these tissues except liver.

Product:

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

Molecular Weight:

~ 46(HNF4 γ), 53(HNF4 α) kDa

Swiss-Prot:

P41235/Q14541

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

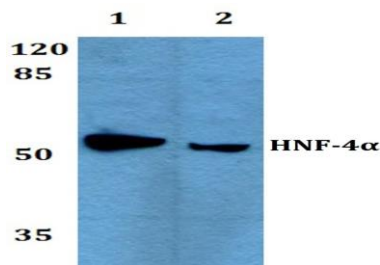
Storage&Stability:

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

Specificity:

HNF-4 α / γ (K127) polyclonal antibody detects endogenous levels of HNF-4 α and HNF-4 γ protein.

DATA:



Western blot (WB) analysis of HNF-4 α / γ (K127) pAb at 1:500 dilution

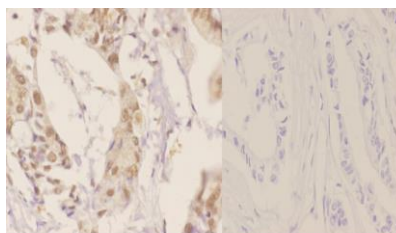
Lane1:HEK293T whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

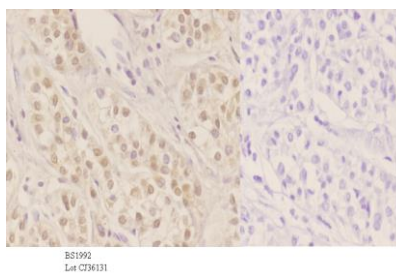
Lane3:L02 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of HNF4 α / γ (K127) pAb in paraffin-embedded human colon carcinoma tissue at 1:50, showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



Immunohistochemistry (IHC) analyzes of HNF4 α / γ (K127) pAb in paraffin-embedded human liver carcinoma tissue at 1:50, showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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