

HNF4α (K307) polyclonal antibody

Catalog: BS2983

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Hepatocyte nuclear factor 4α (HNF4α) is a transcription factor that belongs to the steroid hormone receptor super-family and is enriched in liver. HNF4α, in association with PGC-1α, activates gluconeogenic genes such as phosphoenolpyruvate carboxykinase and glucose-6-phosphatase genes in fasted livers. Conditional knockout of the HNF4α gene in the mouse liver destroys lipid homeostasis and leads to lipid accumulation in the liver and a reduction of serum cholesterol and triglyceride levels. Mutations in HNF4α have been linked to maturity-onset diabetes of the young (MODY).

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 52 kDa

Swiss-Prot:

P41235

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

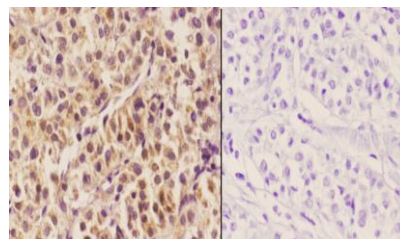
Storage&Stability:

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

Specificity:

HNF4α (K298) polyclonal antibody detects endogenous levels of HNF4α protein.

DATA:



Immunohistochemistry (IHC) analyzes of HNF4α (K307) pAb in paraffin-embedded human liver carcinoma tissue at 1:50, showing cytoplasmic and 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.

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