# HNF-4α/γ polyclonal antibody

Catalog: BS61772 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 glu-cose-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 matur-ity-onset diabetes of the young (MODY).

## Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

## Molecular Weight:

~ 52 kDa

## Swiss-Prot:

P41235/Q14541

## 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

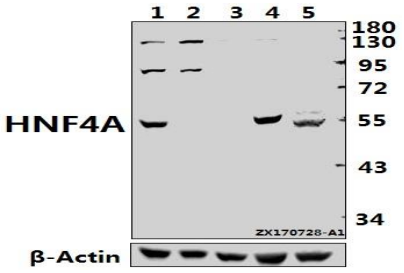
## Storage&Stability:

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

## Specificity:

HNF-4α/γ polyclonal antibody detects endogenous levels of HNF-4α/γ protein.

## DATA:




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

Lane1:HCT116 whole cell lysate(40ug)

Lane2:K562 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Lane5:A549 whole cell lysate(40ug)

## Note:

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

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