



HNF4α (Phospho-Ser313) Antibody

E11-7108A

Catalog Number: E11-7108A

Concentration: 1mg/ml

Swiss-Prot No.: P41235

Other Names: hepatocyte nuclear factor 4-alpha; HNF-4; HNF-4-alpha; HNF4; HNF4A; NR2A1; TCF14; transcription factor 14; transcription factor HNF-4

All Sites: Human: Ser313; Mouse: Ser313; Rat: Ser313

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human HNF4α around the phosphorylation site of serine 313 (L-R-S^P-Q-V).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: HNF4α (Phospho-Ser313) antibody detects endogenous levels of HNF4α only when phosphorylated at serine 313.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

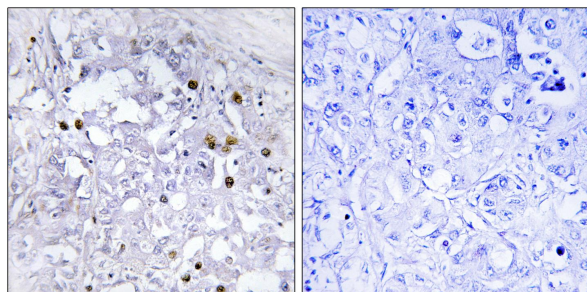
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:20000

References:

Kritis A.A., Gene 173:275-280(1996).

Drewes T., Mol. Cell. Biol. 16:925-931(1996).

Yamagata K., Nature 384:458-460(1996).

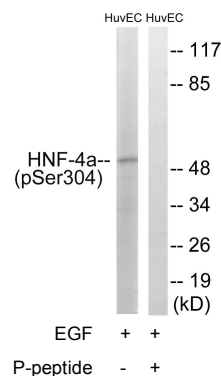


P-peptide

-

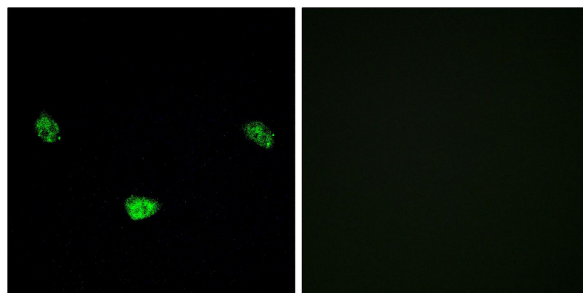
+

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using HNF4α (Phospho-Ser313) antibody.



Western blot analysis of extracts from HUVEC cells, treated with EGF (200ng/ml, 30mins), using HNF4α (Phospho-Ser313) antibody.

For Research Use Only



P-peptide

-

+

Immunofluorescence analysis of LOVO cells, using
HNF4 α (Phospho-Ser313) antibody.