Product Datasheet

HNF4a(Phospho-Ser304) Antibody

Catalog No: #11043

Package Size: #11043-1 50ul #11043-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

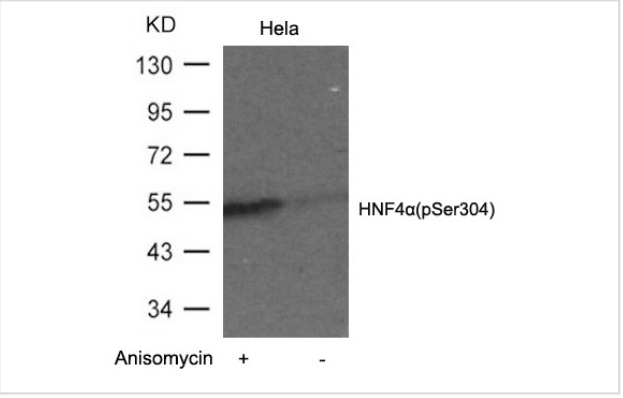
Product Name	HNF4a(Phospho-Ser304) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of HNF4a only when phosphorylated at serine 304.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 304 (L-R-S(p)-Q-V)derived from Human HNF4a.
Target Name	HNF4a
Modification	Phospho
Other Names	HNF4; TCF; MODY; HNF4A;
Accession No.	Swiss-Prot: P41235NCBI Protein: NP_000448.3
Uniprot	P41235
GeneID	3172;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 52kd

Western blotting: 1:1000

Images



Western blot analysis of extracts from Hela cells untreated or treated with Anisomyclin using HNF4a(Phospho-Ser304) Antibody #11043.

Background

The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes,including hepatocyte nuclear factor 1 a, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants.

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

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

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

Tanaka T,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases

Note: This product is for in vitro research use only