Nuclear Receptor NR4A1 (Ab-351) Antibody

Catalog No: #33181

Package Size: #33181-1 50ul #33181-2 100ul

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

Description

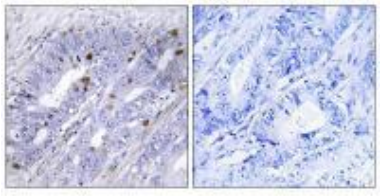
Product Name	Nuclear Receptor NR4A1 (Ab-351) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Nuclear Receptor NR4A1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human Nuclear Receptor NR4A1 around the phosphorylation site of serine 351 (L-P-S(p)-K-P).
Target Name	Nuclear Receptor NR4A1
Other Names	Early response protein NAK1; GFRP; GFRP1; HMR; N10
Accession No.	Swiss-Prot: P22736NCBI Gene ID: 3164
Uniprot	P22736
GeneID	3164;
SDS-PAGE MW	60kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG 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

Application Details

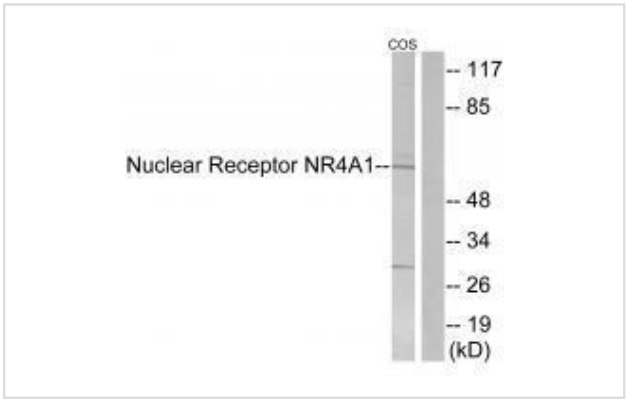
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

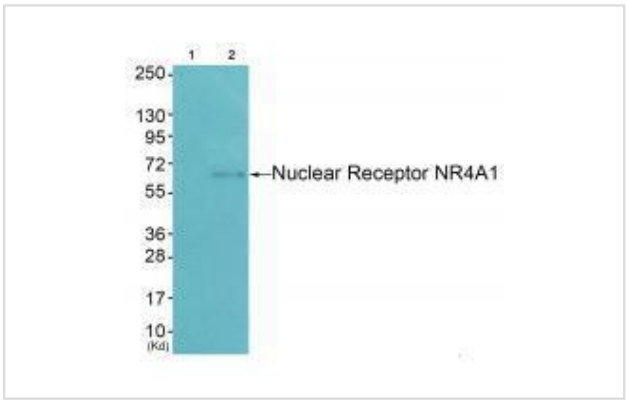
Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Nuclear Receptor NR4A1 (Ab-351) antibody #33181.



Western blot analysis of extracts from COS-7 cells, using Nuclear Receptor NR4A1 (Ab-351) antibody #33181.



Western blot analysis of extracts from HepG2 cells (Lane 2), using Nuclear Receptor NR4A1 (Ab-351) antiobdy #33181. The lane on the left is treated with synthesized peptide.

Background

Orphan nuclear receptor. May act concomitantly with NURR1 in regulating the expression of delayed-early genes during liver regeneration. Binds the NGFI-B response element (NBRE) 5'-AAAAGGTCA-3' By similarity. May inhibit NF-kappa-B transactivation of IL2. Participates in energy homeostasis by sequestrating the kinase STK11 in the nucleus, thereby attenuating cytoplasmic AMPK activation.

Nakai A., Mol. Endocrinol. 4:1438-1443(1990).

Chang C., J. Steroid Biochem. 34:391-395(1989).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only