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Datasheet for ABIN7138757
anti-NR4A1 antibody (pSer351)

1 Image

Overview

Quantity:	100 µL
Target:	NR4A1
Binding Specificity:	pSer351
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine351(L-P-S(p)-K-P) derived from Human Nuclear Receptor NR4A1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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 chromatography using

Target Details

Target:	NR4A1
Alternative Name:	NR4A1 (NR4A1 Products)

Target Details

Background:

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'. May inhibit NF-kappa-B transactivation of IL2. Participates in energy homeostasis by sequestering 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).

Bondy G.P., Cell Growth Differ. 2:203-208(1991)

Aliases: Early response protein NAK1 antibody, GFRP 1 antibody, GFRP antibody, GFRP1 antibody, Growth factor inducible nuclear protein N10 antibody, Growth Factor Inducible Nuclear Protein NP10 antibody, Growth Factor Response Protein 1 antibody, Hbr1 antibody, HMR antibody, Hormone Receptor antibody, MGC9485 antibody, N10 antibody, N10 nuclear protein antibody, NAK 1 antibody, NAK1 antibody, Nerve growth factor IB nuclear receptor variant 1 antibody, NGFIB antibody, NP 10 antibody, NP10 antibody, NR4A1 antibody, NR4A1_HUMAN antibody, Nuclear hormone receptor NUR/77 antibody, Nuclear Hormone Receptor TR3 antibody, Nuclear receptor subfamily 4 group A member 1 antibody, NUR77 antibody, NUR77, mouse, homolog of antibody, Orphan nuclear receptor HMR antibody, Orphan nuclear receptor NR4A1 antibody, Orphan nuclear receptor TR3 antibody, Orphan receptor tr3 antibody, Receptor NGFIB antibody, ST 59 antibody, ST-59 antibody, ST59 antibody, Steroid receptor TR3 antibody, Testicular receptor 3 antibody, TR 3 antibody, TR3 antibody, TR3 orphan receptor antibody

UniProt:

[P22736](#)

Pathways:

[Fc-epsilon Receptor Signaling Pathway](#), [Nuclear Receptor Transcription Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes:

IHC:1:50-1:100,

Restrictions:

For Research Use only

Handling

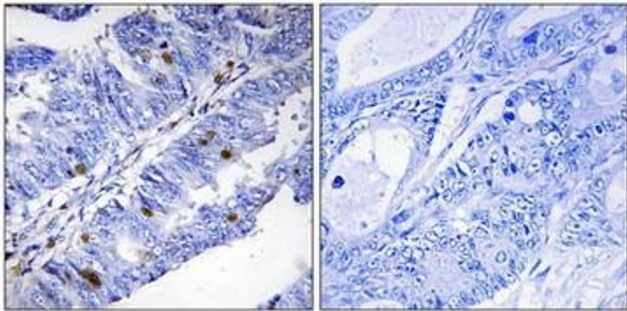
Format:

Liquid

Handling

Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using Nuclear Receptor NR4A1 (Phospho-Ser351) antibody (left) or the same antibody preincubated with blocking peptide (right).