Anti- Nuclear Receptor NR4A1 (Phospho-Ser351)

Polyclonal Antibody

EARTH OX

Catalog No.	Size
A100142-01	**50** µl
A100142-02	**100** µl

Specificity	Anti-Nuclear Receptor NR4A1 (Phospho-Ser351) (human mouse rat)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P22736

Other Names: Early response protein NAK1, GFRP, GFRP1, HMR, N10, N10 nuclear protein, NAK1, NGFI-B, NGFIB, NR4A1, Nuclear hormone receptor NUR/77, Orphan nuclear receptor HMR, TR3 orphan receptor

Specificity and Sensitivity

Nuclear Receptor NR4A1 (Phospho-Ser351) antibody detects endogenous levels of Nuclear Receptor NR4A1 only when phosphorylated at serine 351.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Nuclear Receptor NR4A1 around the phosphorylation site of serine 351 (L-P-S^P-K-P).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100   ELISA: 1:40000

Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images
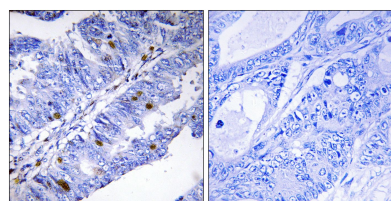
P-peptide   -   +

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Nuclear Receptor NR4A1 (Phospho-Ser351) antibody.
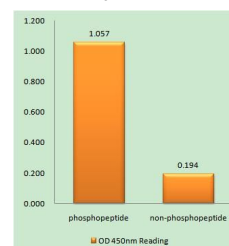
Nuclear Receptor NR4A1 (Phospho-Ser351) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.