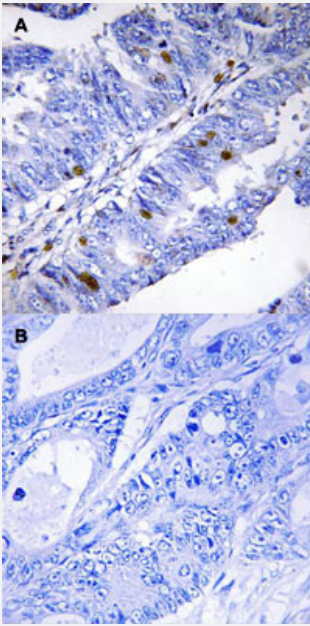


NR4A1 (phospho S351) polyclonal antibody

Catalog # PAB29285 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer tissue with NR4A1 (phospho S351) polyclonal antibody (Cat# PAB29285) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human NR4A1.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S351 of human NR4A1.
Host	Rabbit
Theoretical MW (kDa)	64
Reactivity	Human
Specificity	NR4A1 (phospho S351) polyclonal antibody detects endogenous levels of human NR4A1 only when phosphorylated at serine 351.
Form	Liquid

Purification	Affinity Chromatography
Recommend Usage	Immunohistochemistry (1:50~1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — NR4A1

Entrez GeneID	3164
Protein Accession#	P22736
Gene Name	NR4A1
Gene Alias	GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3
Gene Description	nuclear receptor subfamily 4, group A, member 1
Omim ID	139139
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	TR3 orphan receptor early response protein NAK1 growth factor-inducible nuclear protein N10 hormone receptor orphan nuclear receptor HMR steroid receptor TR3

Pathway

- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)