Immunotag™ Nur77 (phospho Ser351) Polyclonal Antibody

Antibody Specification

Catalog No.	ITP1019
Product Description	Immunotag™ Nur77 (phospho Ser351) Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Nur77 (Ser351)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Nur77 (phospho Ser351)
Specificity	Phospho-Nur77 (S351) Polyclonal Antibody detects endogenous levels of Nur77 protein only when phosphorylated at S351.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NR4A1
Accession No.	P22736 P12813 P22829
Alternate Names	NR4A1; GFRP1; HMR; NAK1; Nuclear receptor subfamily 4 group A member 1; Early response protein NAK1; Nuclear hormone receptor NUR/77; Nur77; Orphan nuclear receptor HMR; Orphan nuclear receptor TR3; ST-59; Testicular receptor 3

Antibody Specification

Description	nuclear receptor subfamily 4 group A member 1(NR4A1) Homo sapiens 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 transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011],
Cell Pathway/ Category	MAPK_ERK_Growth,MAPK_G_Protein,
Protein Expression	Colon adenocarcinoma,Fetal skeletal muscle,Skeletal muscle,
Subcellular Localization	nucleus,nucleoplasm,transcription factor complex,cytoplasm,nuclear membrane,
Protein Function	function:Orphan nuclear receptor.,induction:By growth-stimulating agents.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR4 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Interacts with GADD45GIP1.,tissue specificity:Fetal muscle and adult liver, brain and thyroid.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.