

# Immunotag™ NR0B2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0999
Product Description	Immunotag™ NR0B2 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	NR0B2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 30-110
Specificity	NR0B2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NR0B2 SHP
Accession No.	Q15466 Q62227 P97947

## Antibody Specification

Description	nuclear receptor subfamily 0 group B member 2(NR0B2) Homo sapiens The protein encoded by this gene is an unusual orphan receptor that contains a putative ligand-binding domain but lacks a conventional DNA-binding domain. The gene product is a member of the nuclear hormone receptor family, a group of transcription factors regulated by small hydrophobic hormones, a subset of which do not have known ligands and are referred to as orphan nuclear receptors. The protein has been shown to interact with retinoid and thyroid hormone receptors, inhibiting their ligand-dependent transcriptional activation. In addition, interaction with estrogen receptors has been demonstrated, leading to inhibition of function. Studies suggest that the protein represses nuclear hormone receptor-mediated transactivation via two separate steps: competition with coactivators and the direct effects of its transcriptional repressor function. [provided by RefSeq, Jul 2008],
Protein Expression	Pancreas,Spleen,
Subcellular Localization	nucleus,nucleoplasm,cytoplasm,protein complex,
Protein Function	disease:Defects in NR0B2 may be associated with early-onset obesity [MIM:601665].,function:Acts as a negative regulator of receptor-dependent signaling pathways. Specifically inhibits transactivation of the nuclear receptor with whom it interacts.,similarity:Belongs to the nuclear hormone receptor family. NR0 subfamily.,subunit:Interacts with RARA, RXRA, THRB, NR5A1, NR5A2, NR1I3, PPARA, PPARG and EID1. May also interact with HNF4A.,tissue specificity:Liver. Low levels of expression were detected in heart and pancreas.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.