



NR0B2 Polyclonal Antibody

Catalog No	BYab-05872
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	NR0B2 SHP
Protein Name	Nuclear receptor subfamily 0 group B member 2 (Orphan nuclear receptor SHP) (Small heterodimer partner)
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	NR0B2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	28kD
Cell Pathway	Nucleus . Cytoplasm . Colocalizes with NEUROD1 in the nucleus.
Tissue Specificity	Liver. Low levels of expression were detected in heart and pancreas.
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, NR113, PPARA, PPARG and EID1. May also interact with HNF4A.,tissue specificity:Liver. Low levels of expression were detected in heart and pancreas.,
Background	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

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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],

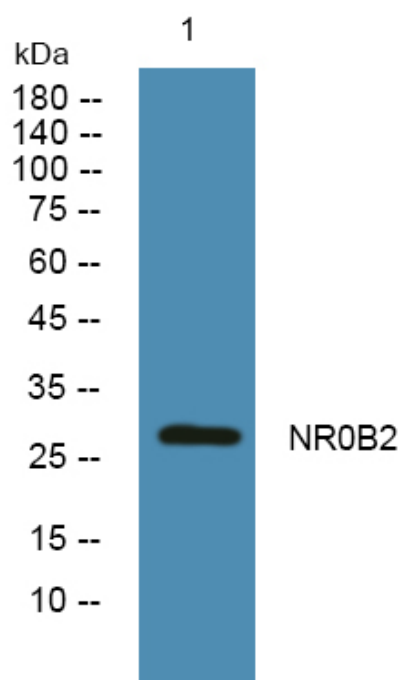
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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