



NR0B2 mouse mAb

Catalog No	YP-mAb-17755
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NR0B2
Immunogen	Recombinant fusion protein containing a sequence of human NR0B2 (NP_068804.1).
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NRB2;NRB2_HUMAN;Nrb2a;Nuclear receptor subfamily group B member 2; Nuclear receptor subfamily;group B;member 2a;Orphan nuclear receptor SHP; SHP;SHP-1;Shp1;Small heterodimer partner;NR0B2;nuclear receptor subfamily 0 group B member 2
Observed Band	Calculated MW: 28 kDa; Observed MW: 28 kDa
Calculated Molecular Weight	Calculated MW: 28 kDa; Observed MW: 28 kDa
Cell Pathway	
Tissue Specificity	
Function	
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 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.

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