

**Mouse Nr5a2 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21181c****Specification**

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**Mouse Nr5a2 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P45448</a>
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	64020
Antigen Region	200-233

**Mouse Nr5a2 Antibody (Center) - Additional Information****Gene ID** 26424**Other Names**

Nuclear receptor subfamily 5 group A member 2, Liver receptor homolog 1, LRH-1, Nr5a2, Lrh1

**Target/Specificity**

This Mouse Nr5a2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 200-233 amino acids from the Central region of Mouse Nr5a2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Mouse Nr5a2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Nr5a2 Antibody (Center) - Protein Information****Name** Nr5a2**Synonyms** Lrh1**Function** Nuclear receptor that acts as a key metabolic sensor by regulating the expression of

genes involved in bile acid synthesis, cholesterol homeostasis and triglyceride synthesis. Together with the oxysterol receptors NR1H3/LXR-alpha and NR1H2/LXR-beta, acts as an essential transcriptional regulator of lipid metabolism. Plays an anti-inflammatory role during the hepatic acute phase response by acting as a corepressor: inhibits the hepatic acute phase response by preventing dissociation of the N-Cor corepressor complex. Key regulator of cholesterol 7-alpha-hydroxylase gene (CYP7A) expression in liver. May also contribute to the regulation of pancreas-specific genes and play important roles in embryonic development (By similarity). Activates the transcription of CYP2C38 (PubMed:[30555544](#)).

#### Cellular Location

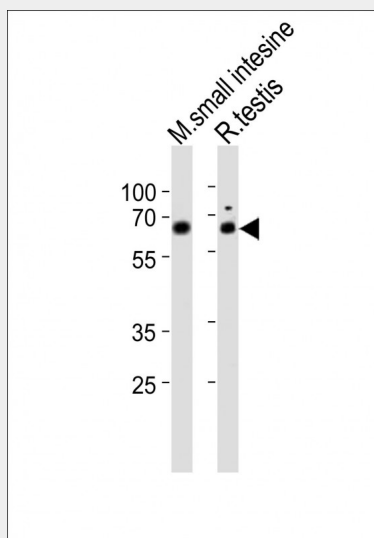
Nucleus {ECO:0000250|UniProtKB:O00482}.

### Mouse Nr5a2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Mouse Nr5a2 Antibody (Center) - Images



All lanes : Anti-Nr5a2 Antibody (Center) at 1:1000 dilution Lane 1: mouse small intestine lysates Lane 2: rat testis lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 64 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### Mouse Nr5a2 Antibody (Center) - Background

Binds to promoters containing the sequence element 5'- AACGACCGACCTTGAG-3'. Plays a role in the regulation of gene expression in liver and pancreas. May play a role in embryonic development (By similarity).

**Mouse Nr5a2 Antibody (Center) - References**

Tugwood J.D.,et al.Submitted (FEB-1992) to the EMBL/GenBank/DDBJ databases.

Sablin E.P.,et al.Mol. Cell 11:1575-1585(2003).

Li Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 102:9505-9510(2005).

**Mouse Nr5a2 Antibody (Center) - Citations**

- [Liver Receptor Homolog-1 Regulates Organic Anion Transporter 2 and Docetaxel Pharmacokinetics.](#)
- [REV-ERBa Regulates CYP7A1 through Repression of Liver Receptor Homolog-1.](#)