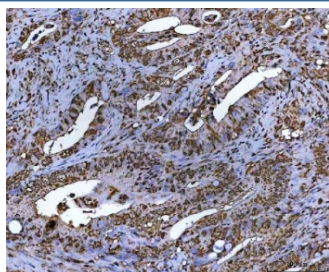


## NR5A2 Antibody / LRH1 (RQ8271)

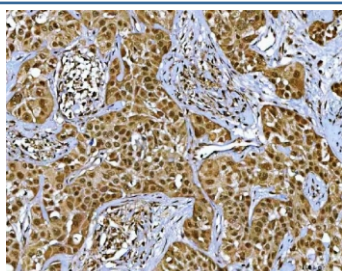
Catalog No.	Formulation	Size
RQ8271	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

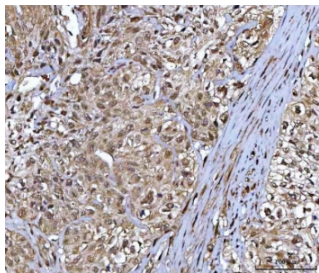
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O00482
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This NR5A2 antibody is available for research use only.



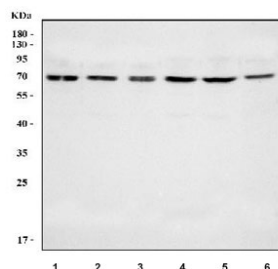
IHC staining of FFPE human colorectal adenocarcinoma tissue with NR5A2 antibody.  
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



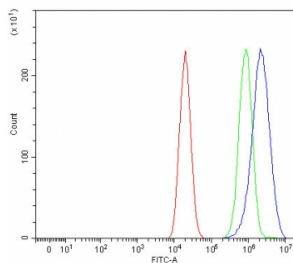
IHC staining of FFPE human parotid acinar cell carcinoma tissue with NR5A2 antibody.  
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human bladder urothelial carcinoma tissue with NR5A2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HepG2, 2) A549, 3) Caco-2, 4) 293T, 5) MCF7 and 6) K562 cell lysate with NR5A2 antibody. Predicted molecular weight ~61 kDa.



Flow cytometry testing of fixed and permeabilized human Caco-2 cells with NR5A2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NR5A2 antibody.

## Description

NR5A2 (nuclear receptor subfamily 5, group A, member 2) also known as liver receptor homolog-1 (LRH-1) is a protein that in humans is encoded by the NR5A2 gene. LRH-1 is a member of the nuclear receptor family of intracellular transcription factors. LRH-1 plays a critical role in the regulation of development, cholesterol transport, bile acid homeostasis and steroidogenesis. LRH-1 is important for maintaining pluripotency of stem cells during embryonic development. Liver receptor homolog-1 has been shown to interact with the small heterodimer partner.

## Application Notes

Optimal dilution of the NR5A2 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (K192-A508) was used as the immunogen for the NR5A2 antibody.

## Storage

After reconstitution, the NR5A2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

