

# HSD11B1 Rabbit Polyclonal Antibody

Catalog No.: RA20323

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	35KD

### Applications

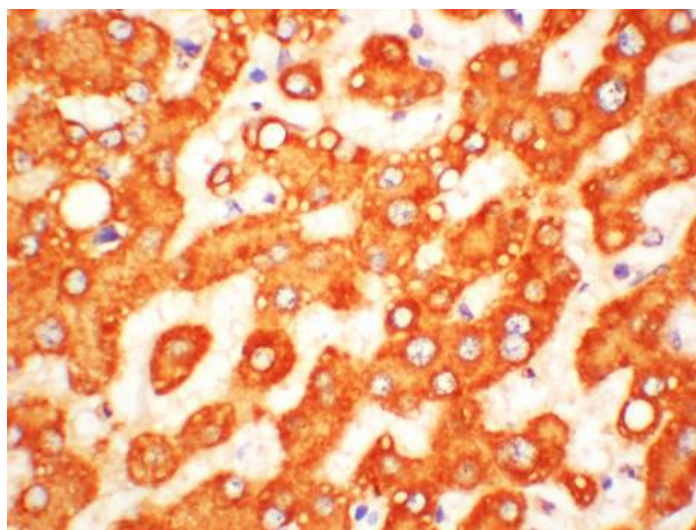
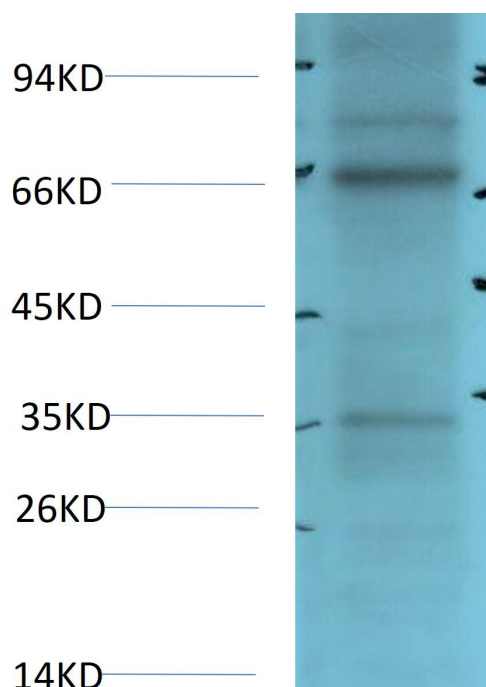
### Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 3T3 Cell Lysate using HSD11B1 Rabbit pAb diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Human Liver Tissue using HSD11B1 Rabbit Polyclonal antibody diluted at 1:200.

## Background

hydroxysteroid 11-beta dehydrogenase 1(HSD11B1) Homo sapiens The protein encoded by this gene is a microsomal enzyme that catalyzes the conversion of the stress hormone cortisol to the inactive metabolite cortisone. In addition, the encoded protein can catalyze the reverse reaction, the conversion of cortisone to cortisol. Too much cortisol can lead to central obesity, and a particular variation in this gene has been associated with obesity and insulin resistance in children.