

Datasheet for ABIN7441451
anti-SPR antibody (AA 1-261)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	SPR
Binding Specificity:	AA 1-261
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Sepiapterin Reductase (SPR)
Immunogen:	Recombinant Sepiapterin Reductase (SPR) corresponding to Met1~Asp261
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SPR. It has been selected for its ability to recognize SPR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SPR
Alternative Name:	Sepiapterin Reductase (SPR Products)
Background:	SDR38C1, 7,8-Dihydrobiopterin:NADP+ Oxidoreductase, Short Chain Dehydrogenase/Reductase Family 38C,Member 1
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

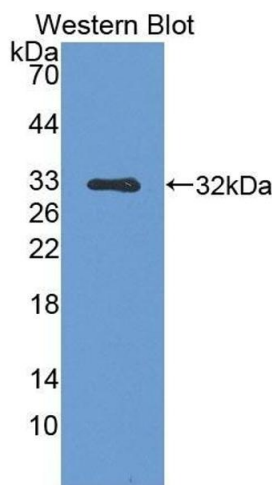
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



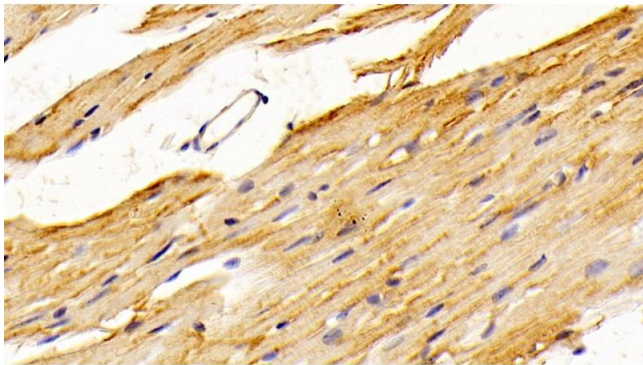
Western Blotting

Image 1. Detection of SPR in Mouse Liver lysate using Polyclonal Antibody to Sepiapterin Reductase (SPR)



Western Blotting

Image 2. Detection of recombinant SPR using Polyclonal Antibody to Sepiapterin Reductase (SPR)



Immunohistochemistry

Image 3. Detection of SPR in Mouse Cardiac Muscle Tissue using Polyclonal Antibody to Sepiapterin Reductase (SPR)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7441451.