

Datasheet for ABIN3029000  
**anti-SPR antibody (AA 231-260)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	0.4 mL
Target:	SPR
Binding Specificity:	AA 231-260
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 231-260 from the human protein was used as the immunogen for this SPR antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	SPR
Alternative Name:	SPR ( <a href="#">SPR Products</a> )
Background:	SPR encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiaterin reductase

Target Details

	deficiency. A pseudogene has been identified on chromosome 1.
UniProt:	P35270
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Feeding Behaviour, Smooth Muscle Cell Migration

Application Details

Application Notes:	Titration of the SPR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
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:	-20 °C
Storage Comment:	Aliquot the SPR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** Western blot analysis of SPR antibody and mouse liver tissue lysate.



Western Blotting

**Image 2.** Western blot analysis of SPR antibody and mouse liver tissue lysate.