

Datasheet for ABIN653908
anti-SPR antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	SPR
Binding Specificity:	AA 231-260, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SPR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-260 amino acids from the C-terminal region of human SPR.
Clone:	RB22890
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SPR
Alternative Name:	SPR (SPR Products)
Background:	SPR encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of

Target Details

pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiaterin reductase deficiency. A pseudogene has been identified on chromosome 1.

Molecular Weight: 28048

Gene ID: 6697

NCBI Accession: [NP_003115](#)

UniProt: [P35270](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Feeding Behaviour](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

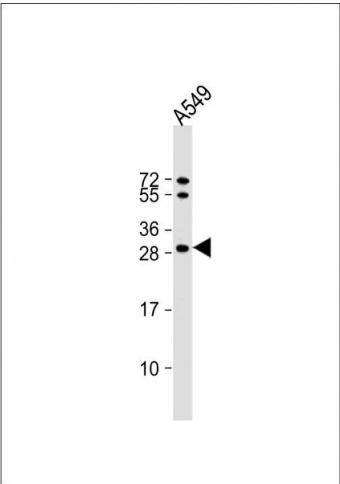
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

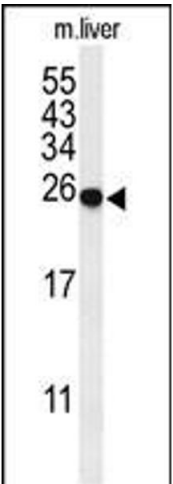
Publications

Product cited in: Wei, Cheng, Ouyang, Zhang, Hu, Chen, Wang, Lu, Zhang, Wang, Liu: "Glycoprotein screening in colorectal cancer based on differentially expressed Tn antigen." in: **Oncology reports**, Vol. 36, Issue 3, pp. 1313-24, (2017) ([PubMed](#)).



Western Blotting

Image 1. Anti-SPR Antibody (C-term) at 1:1000 dilution + A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. Western blot analysis of SPR Antibody (C-term) (ABIN653908 and ABIN2843145) in mouse liver tissue lysates (35 µg/lane). SPR (arrow) was detected using the purified Pab.