

# SPR Rabbit Polyclonal Antibody



CAB11694

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## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

31kDa

**Calculated MW:**

28kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse, Rat

## Protein Background

This gene 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 deficiency. A pseudogene has been identified on chromosome 1.

## Immunogen information

**Gene ID:**

6697

**Uniprot**

P35270

**Synonyms:**

SPR; SDR38C1

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

**Immunogen:**

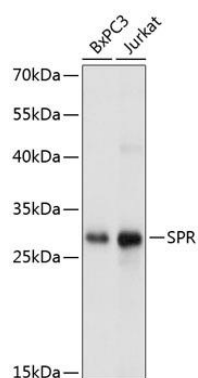
Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human SPR (NP\_003115.1).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using SPR Antibody (CAB11694) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.