

# SPR Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5354

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P35270</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	28048
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Gene ID</b>	6697
<b>Antigen Region</b>	139-170
<b>Other Names</b>	Sepiapterin reductase, SPR, SPR
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This SPR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 139-170 amino acids from the C-terminal region of human SPR.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	SPR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SPR
<b>Function</b>	Catalyzes the final one or two reductions in tetra- hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.
<b>Cellular Location</b>	Cytoplasm.

## Background

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Catalyzes the final one or two reductions in tetra- hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.

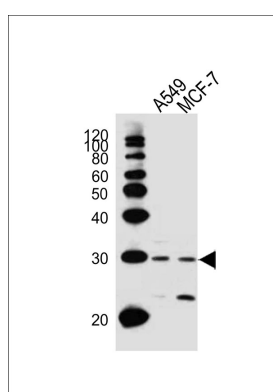
## References

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Maier J.,et al.Exp. Cell Res. 204:217-222(1993).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Hillier L.W.,et al.Nature 434:724-731(2005).

## Images

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All lanes : Anti-SPR Antibody (C-term)(AW5354) at 1/1000 dilution Lane 1: A549 whole cell lysates Lane 2: MCF-7 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 30 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.