

SPR Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5354**Specification**

SPR Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P35270
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=28 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

SPR Antibody (C-term) - Additional Information**Gene ID** 6697**Antigen Region**
139-170**Other Names**
Sepiapterin reductase, SPR, SPR**Dilution**
WB~~1:1000**Target/Specificity**
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.**Format**
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.**Storage**
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.**Precautions**
SPR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.**SPR Antibody (C-term) - Protein Information****Name** SPR

Function

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

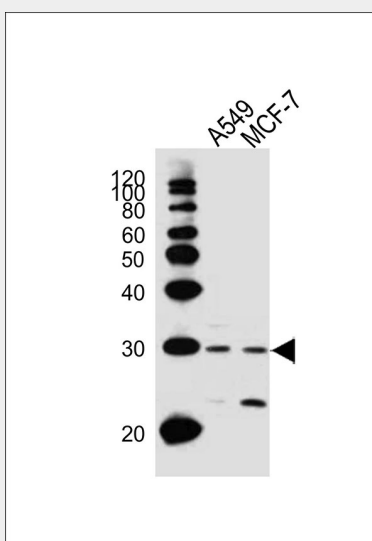
Cellular Location

Cytoplasm.

SPR Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPR Antibody (C-term) - Images

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.

SPR Antibody (C-term) - Background

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

SPR Antibody (C-term) - References

Ichinose H., et al. Biochem. Biophys. Res. Commun. 179:183-189(1991).
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).