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SPR Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5354

Product Information

Application	WB
Primary Accession	P35270
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28048
Isotype	Rabbit IgG
Antigen Source	HUMAN

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.

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.

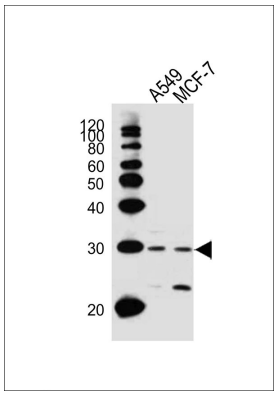
Background

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

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).

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.