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SPR Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20742c

Product Information

Application	WB, E
Primary Accession	P35270
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50056
Calculated MW	28048

Additional Information

Gene ID	6697
Other Names	Sepiapterin reductase, SPR, SPR
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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.

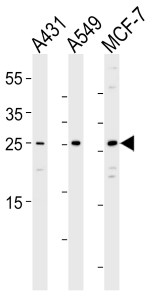
Background

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



Western blot analysis of lysates from A431, A549, MCF-7 cell line (from left to right), using SPR Antibody (C-term)(Cat. #AP20742c). AP20742c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.