

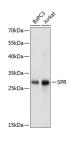
Tel:240-252-7368(USA) Fax: 240-252-7376(USA) techsupport@elabscience.com Website: www.elabscience.com

SPR Polyclonal Antibody

Reactivity Catalog No. E-AB-63585 H,M,R Storage Store at -20°C. Avoid freeze / thaw cycles. Rabbit Host **Applications** WB **Isotype IgG**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using SPR Polyclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen Recombinant fusion protein of human SPR

(NP_003115.1).

GeneID 6697 **Swissprot** P35270

SPR,SDR38C1 **Synonyms**

Product Information

Calculated MW 28kDa **Observed MW** 31kDa

Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purify Affinity purification Dilution WB 1:500-1:2000

Background

This gene encodes an aldo-keto reductase that catalyzes the NADPHdependent 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.