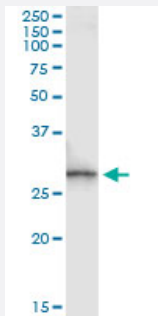


SPR (Human) IP-WB Antibody Pair

Catalog # H00006697-PW1

Size 1 Set

Applications



Immunoprecipitation of SPR transfected lysate using mouse monoclonal anti-SPR and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-SPR.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SPR transfected lysate using mouse monoclonal anti-SPR and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-SPR.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-SPR (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-SPR (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — SPR

Entrez GeneID	6697
Gene Name	SPR
Gene Alias	SDR38C1
Gene Description	sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase)
Omim ID	182125
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiapterin reductase deficiency. A pseudogene has been identified on chromosome 1. [provided by RefSeq]
Other Designations	short chain dehydrogenase/reductase family 38C, member 1

Pathway

- [Folate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Dystonic Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)