

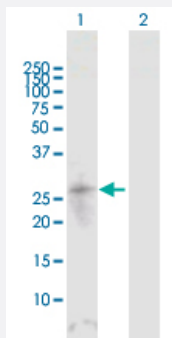
MaxPab®

SPR MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006697-D01

Size 100 uL

Applications

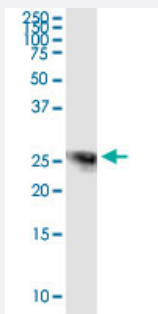


Western Blot (Transfected lysate)

Western Blot analysis of SPR expression in transfected 293T cell line ([H00006697-T01](#)) by SPR MaxPab polyclonal antibody.

Lane 1: SPR transfected lysate(28.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SPR transfected lysate using anti-SPR MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SPR purified MaxPab mouse polyclonal antibody (B01P) ([H00006697-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SPR protein.

Immunogen

SPR (AAH17310.1, 1 a.a. ~ 261 a.a) full-length human protein.

Sequence

MEGGLGRAVCLLTGASRGFGRTLAPLLASLLSPGSVLVLSARNDEALRQLEAELGAERSGLRVV
RVPADLGAEAGLQQLLGALRELPRPKGLQRLLINNAGSLGDVSKGFVDLSDSTQVNNYWALNLT
SMLCLTSSVLKAFDPSPGLNRTVVNISSLCALQPFKGWALYCAGKAARDMLFQVLALEEPNVRV
LNYAPGPLDMDQLARETSVDPDMRKGLQELKAKGKLVDCKVSAQKLLSLEKDEFKSGAHV
DFYDK

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — SPR

Entrez GeneID	6697
GeneBank Accession#	NM_003124.3
Protein Accession#	AAH17310.1
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](#)