DNAxPAb | Hard-to-Find Antibody

SPR DNAxPab

Catalog # H00006697-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SPR DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEGGLGRAVCLLTGASRGFGRTLAPLLASLLSPGSVLVLSARNDEALRQLEAELGAERSGLRVV RVPADLGAEAGLQQLLGALRELPRPKGLQRLLLINNAGSLGDVSKGFVDLSDSTQVNNYWALNLT SMLCLTSSVLKAFPDSPGLNRTVVNISSLCALQPFKGWALYCAGKAARDMLFQVLALEEPNVRV LNYAPGPLDTDMQQLARETSVDPDMRKGLQELKAKGKLVDCKVSAQKLLSLLEKDEFKSGAHV DFYDK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SPR

Entrez GeneID	6697
GeneBank Accession#	BC017310.2
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 pte ridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in th is gene result in DOPA-responsive dystonia due to sepiaterin reductase deficiency. A pseudogen e 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