

DNAxPAb

Hard-to-Find
Antibody

SIM1 DNAxPab

Catalog # H00006492-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human SIM1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MKEKSKNAARTREKENSEFYELAKLLPLPSAITSQLDKASIIRLTTSYLKMRVVFPEGLGEAWGH
SSRTSPLDNVGRELGSHLLQTLDGFIFFVAPDGKIMYISETASVHLGLSQVELTGNSIYEYIHPADHD
EMTAVLTAHQPYHSHFVQYEIERSFFLRMKCVLAKRNAGLTCGGYKVIHCSGYLKIRQYSLDMSP
FDGCYQNVGLVAVGHSPLPPSAVTEIKLHSNMFMFRASLDMKLIFLDSRVAELTGYPQDLIEKTLY
HHVHGCDFHLRCAHHLLLVKGQVTTKYRFLAKHGGWVWVQSYATVHNSRSSRPHCMVSVNV
LTDTEYKGLQLSLDQISASKPAFSYSSSTPTMTDNRKGAKSRLSSSKSKSRTSPYPQYSGFHTE
RSESDHDSQWGGSPPLTDASPQLDPADRPQSQHDASCAYRQFSDRSSLCYGFALDHSRLVE
ERHFHTQACEGGRCEAGRYFLGTPQAGREPWWGSRAALPLTKASPESREAYENSMPHIASVHRI
HGRGHWDEDSVVSSPDPGSASESGDRYTEQQYQSSPHEPSKIETLIRATQQMIKEEENRLQLRK
APSDQLASINGAGKKHSLCFANYQQPPPTGEVCHGSALANTSPCDHIQQREGKMLSPHENDYDN
SPTALSRISPPNSDRISKSSLILAKDYLHSDISPHQTAGDHPTVSPNCFGSHRQYFDKHAYTLTGYA
LEHLYDSETIRNYSLGCNGSHFDVTSHLRMQPDPAQGHKGTSVIITNGS

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 — SIM1

Entrez GeneID [6492](#)

GeneBank Accession# [BC118500.1](#)

Protein Accession# [AA118501.1](#)

Gene Name SIM1

Gene Alias bHLHe14

Gene Description single-minded homolog 1 (Drosophila)

Omim ID [601665 603128](#)

Gene Ontology [Hyperlink](#)

Gene Summary SIM1 and SIM2 genes are Drosophila single-minded (sim) gene homologs. SIM1 transcript was detected only in fetal kidney out of various adult and fetal tissues tested. Since the sim gene plays an important role in Drosophila development and has peak levels of expression during the period of neurogenesis, it was proposed that the human SIM gene is a candidate for involvement in certain dysmorphic features (particularly the facial and skull characteristics), abnormalities of brain development, and/or mental retardation of Down syndrome. [provided by RefSeq]

Other Designations single-minded homolog 1

Disease

- [Dominance](#)
- [Genetic Predisposition to Disease](#)
- [Hyperphagia](#)
- [Kidney Failure](#)

- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)