

MaxPab®

SIM1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006492-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SIM1 protein.
Immunogen	SIM1 (AA18501.1, 1 a.a. ~ 766 a.a) full-length human protein.
Sequence	MKEKSKNAARTRREKENSEFYELAKLLPLPSAITSQLDKASIIRLTTSYLKMRVVFPEGLGEAWGH SSRTSPLDNVGRELGSHELLQTLDFIFVVPDGGKIMYSETASVHLGLSQVELTGNSIYEYIHPADHD EMTAVLTAHQPYHSHFVQYEYIERSFFLRMKCVLAKRNAGLTCGGYKVIHCSGYLKIRQYSLDMSP FDGCYQNVGLVAVGHSLPPSAVTEIKLHSNMFMFRASLDMKLIFLDSRVAELTGYPQDLIEKTLTY HHVHGCDTFHLRCAHHLLLKVGQVTTKYRFLAKHGGVWVWQSYATVHNSRSSRPHCMVSVNYV LTDTEYKGLQLSLDQISASKPAFSYSSSTPTMTDNKGAKSRLSSSKSKSRTSPYPQYSGFHT RSESDHDSQWGGSPSLTDTASPQLLDPADRPQSQHDASCAYRQFSRSSLCYGFALDHSRLVE ERHFHTQACEGGRCEAGRYFLGTPQAGREPWWGSRAALPLTKASPESREAYENSMPHIASVHRI HGRGHWDEDSVVSSPDGSAESGDRYRTEQYQSSPHEPSKIETLIRATQQMIKEEENRLQLRK APSDQLASINGAGKKHSLCFANYQQPPPTGEVCHGSALANTSPCDHIQQREGKMLSPHENDYDN SPTALSRISPPNSDRISKSSLILAKDYLHSDISPHQTAGDHPTVSPNCFGSHRQYFDKHAYTLTG YALEHLYDSEITIRNYSLGCNGSHFDVTSHLRMQPDPAQGHKGTSVITNGS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
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](#)

Gene Info — SIM1

Entrez GeneID [6492](#)

GeneBank Accession# [BC118500.1](#)

Protein Accession# [AAI18501.1](#)

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](#)