

MaxPab®

REG1A purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00005967-B02P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human REG1A protein.
Immunogen	REG1A (NP_002900.2, 1 a.a. ~ 166 a.a) full-length human protein.
Sequence	MAQTSSYFMLISCLMFLSQSQGQEAQTLPQARISCPEGTNAYRSYCYFNEDRETWVDADLYCQ NMNSGNLVSFLTQAEGAFVASLIKESGTDDFNVWIGLHDPKKNRRWHWSSGSLVSYKSWGIGAP SSVNPGYCVSLTSSSTGFQKWKDVPCEDKFSFVCKFKN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (70)
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 — REG1A

Entrez GeneID	5967
GeneBank Accession#	NM_002909.3

Protein Accession#	NP_002900.2
Gene Name	REG1A
Gene Alias	ICRF, MGC12447, P19, PSP, PSPS, PSPS1, PTP, REG
Gene Description	regenerating islet-derived 1 alpha
Omim ID	167770
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigen e family grouped into four subclasses, types I, II, III and IV, based on the primary structures of the e ncoded proteins. This gene encodes a protein that is secreted by the exocrine pancreas. It is ass ociated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithoge nesis. Reg family members REG1B, REGL, PAP and this gene are tandemly clustered on chrom osome 2p12 and may have arisen from the same ancestral gene by gene duplication. [provided b y RefSeq</p>
Other Designations	<p>OTTHUMP00000160485 islet cells regeneration factor islet of langerhans regenerating protein lith ostathine 1 alpha pancreatic stone protein, secretory pancreatic thread protein protein-X regenera ting islet-derived 1 alpha (pancreatic stone protein, pancrea</p>

Disease

- [Calcinosis](#)
- [Diabetes Mellitus](#)
- [Pancreatitis](#)
- [Tobacco Use Disorder](#)