

MaxPab®

AMHR2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000269-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AMHR2 protein.
Immunogen	AMHR2 (ADR83081.1, 1 a.a. ~ 573 a.a) full-length human protein.
Sequence	MLGSLGLWALLPTAVEAPPNRRTCFFEAPGVRGSKTLGELLDTGTLPRAIRCLYSRCCFGIW NLTQDRAQVEMQGCGRDSDEPGCESLHCDPSRAHPSPGSTLFTCSCGTDFCNANYSHLPPPG SPGTPGSQGPQAAPGESWMALVLLGLFLLLLLLLSIALLQQRKNYRVRGEPVPEPRPDGRDW SVELQELPELCFSQVIREGGHAVVWAGQLQGKLVAIKAFPPRSVAQFQAERALYELPGLQHDHIV RFITASRGGPGRLLSGPLLVELEHPKGSLSCHYLQYTSDWGSSLRMALSLAQGLAFLHEERWQNG QYKPGIAHRDLSSQNVLIREDGSCAIGDLGLALVLPGLTQPPAWTPTQPQGPAAIMEAGTQRYMA PELLDKTLDLQDWGMALRRADIYSLALLLWEILSRCPDLRPDSSPPPFQLAYEAEELGNTPTSDEL WALAVQERRRPYIPSTWRCFATDPDGLRELLEDWCWDADPEARLTAECVQQRLAALHPQESH FPESCPRGCPPLCPEDCTSIAPATILPCRQSRACHFSVQQGPCSRNPQPACTLSPV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (79)
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 — AMHR2

Entrez GeneID [269](#)

GeneBank Accession# [HQ258327.1](#)

Protein Accession# [ADR83081.1](#)

Gene Name AMHR2

Gene Alias AMHR, MISR2, MISRII

Gene Description anti-Mullerian hormone receptor, type II

Omim ID [261550 600956](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the receptor for the anti-Mullerian hormone (AMH) which, in addition to testosterone, results in male sex differentiation. AMH and testosterone are produced in the testes by different cells and have different effects. Testosterone promotes the development of male genitalia while the binding of AMH to the encoded receptor prevents the development of the mullerian ducts into uterus and Fallopian tubes. Mutations in this gene are associated with persistent Mullerian duct syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations Mullerian inhibiting substance type II receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)

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