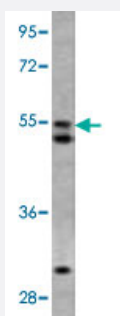


AMHR2 polyclonal antibody

Catalog # PAB2654

Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse testis tissue lysate (35 ug/lane) with AMHR2 polyclonal antibody (Cat # PAB2654).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AMHR2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human AMHR2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of mouse testis tissue lysate (35 ug/lane) with AMHR2 polyclonal antibody (Cat # PAB2654).

Gene Info — AMHR2

Entrez GeneID [269](#)

Protein Accession# [NP_065434;Q16671](#)

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

Publication Reference

- [\[Genetics and molecular pathology of anti-Mullerian hormone and its receptor\].](#)

Picard JY, Belville C.

J Soc Biol 2002 Jan; 196(3).

- [Mullerian inhibiting substance: an instructive developmental hormone with diagnostic and possible therapeutic applications.](#)

Teixeira J, Maheswaran S, Donahoe PK.

Endocrine Reviews 2001 Oct; 22(5):657.

Application: WB-Ce, WB-Tr, Human, Cancers, Mammalian cells

- [Insensitivity to anti-mullerian hormone due to a mutation in the human anti-mullerian hormone receptor.](#)

Imbeaud S, Faure E, Lamarre I, Mattei MG, di Clemente N, Tizard R, Carre-Eusebe D, Belville C, Tragethon L, Tonkin C, Nelson J, McAuliffe M, Bidart JM, Lababidi A, Josso N, Cate RL, Picard JY.

Nature Genetics 1995 Dec; 11(4):382.

Application: WB-Ti, WB-Tr, Hamster, Rabbit, CHO cells, Sertoli cells

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](#)