AMH Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AMH, Polyclonal Antibody
Full Product Name	AMH (Center) Rabbit pAb
Product Gene Name	anti-AMH antibody
Product Synonym Names	Muellerian-inhibiting factor; Anti-Muellerian hormone; AMH; Muellerian-inhibiting substance; MIS; AMH; MIF
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	261550
3D Structure	ModBase 3D Structure for P03971
Immunogen	This AMH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 424-451 amino acids from the central region of human AMH.
Cellular Localization	Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AMH antibody	Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-AMH antibody	WB: 1:2000 IHC: 1:10-50 FC/FACS: 1:10-50
Related Product Information for anti-AMH antibody	MBS8558478 is an antibody targeting AMH. Also known as AMH (Center) Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-AMH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AMH. It may not necessarily be applicable to this product.

NCBI GI #	157266298
NCBI GeneID	268
NCBI Accession #	NP_000470.2
UniProt Primary Accession #	P03971
UniProt Related Accession #	P03971

GenBank Nucleotide #	NP_000470.2
NCBI Official Full Name	muellerian-inhibiting factor preproprotein
NCBI Official Synonym Full Names	anti-Mullerian hormone
NCBI Official Symbol	AMH
NCBI Official Synonym Symbols	MIF; MIS
UniProt Protein Name	Muellerian-inhibiting factor
UniProt Synonym Protein Names	Anti-Muellerian hormone; AMH; Muellerian-inhibiting substance
Protein Family	Muellerian-inhibiting factor
UniProt Gene Name	AMH
UniProt Synonym Gene Names	MIF; AMH; MIS
UniProt Entry Name	MIS_HUMAN
NCBI Protein Information	muellerian-inhibiting factor
NCBI Summary for AMH	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate N- and C-terminal cleavage products that homodimerize and associate to form a biologically active noncovalent complex. This complex binds to the anti-Mullerian hormone receptor type 2 and causes the regression of Mullerian ducts in the male embryo that would otherwise differentiate into the uterus and fallopian tubes. This protein also plays a role in Leydig cell differentiation and function and follicular development in adult females. Mutations in this gene result in persistent Mullerian duct syndrome. [provided by RefSeq, Jul 2016]
UniProt Comments for AMH	AMH: This glycoprotein, produced by the Sertoli cells of the testis, causes regression of the Muellerian duct. It is also able to inhibit the growth of tumors derived from tissues of Muellerian duct origin. Defects in AMH are the cause of persistent Muellerian duct syndrome type 1 (PMDS1). PMDS1 is a form of male pseudohermaphroditism characterized by a failure of Muellerian duct regression in otherwise normal males. Belongs to the TGF-beta family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: extracellular space; cytoplasm; extracellular region Molecular Function: growth factor activity; hormone activity; transforming growth factor beta receptor binding; receptor binding Biological Process: response to drug; sex determination; Mullerian duct regression; cell-cell signaling; gonadal mesoderm development; preantral ovarian follicle growth; sex differentiation; response to organic cyclic substance; urogenital system development; activation of NF-kappaB transcription factor; aging Disease: Persistent Mullerian Duct Syndrome, Types I And Ii
Research Articles on AMH	**1.** In women with no prior history of surgery for endometriosis, serum anti-Mullerian hormone levels increased with cyst size in cases of ovarian endometrioma.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/amh/8558478