

Datasheet for ABIN7126471
anti-AMH antibody (AA 460-560)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AMH
Binding Specificity:	AA 460-560
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AMH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of the C-terminus of human AMH (aa 460-560) (exact sequence is proprietary)
Isotype:	IgG1
Specificity:	The transforming growth factor i^2(TGFi2) superfamily is composed of numerous growth and differentiation factors, including TGFi21-3, Mullerian inhibiting substance (MIS), growth/differentiation factor (GDF) 1-9, bone morphogenic protein (BMP) 2-8, glial cell line-derived neurotrophic factor (GDNF), Inhibin $i\pm$, i^2-A, i^2-B and i^2-C, Lefty and Nodal. Members of the TGFi2superfamily are involved in embryonic development and adult tissue homeostasis. The MIS glycoprotein is produced by the Sertoli cells of the testes. Fetal testes produce both MIS and testosterone, the presence of which result in male offspring. Absence of MIS and testosterone in a developing fetus results in the induction of Mullerian duct differentiation, and Wolffian duct development is not induced. Testosterone induces the differentiation of the

Product Details

Wolffian ducts whereas MIS causes regression of the Muellerian duct. MIS inhibits the growth of tumors derived from tissues of Mullerian duct origin. MIS can also inhibit the autophosphorylation of the EGF receptor in vitro. Defects in anti-Muellerian hormone are the cause of persistent Muellerian duct syndrome type I (PMDS-1). PMDS-1 is a form of male pseudo hermaphroditism characterized by a failure of Muellerian duct regression in otherwise normal males.

Cross-Reactivity (Details): Human, mouse, sheep and baboon.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: AMH

Alternative Name: AMH ([AMH Products](#))

Background: Mullerian inhibiting factor (MIF),Anti Mullerian Hormone (AMH) / Mullerian Inhibiting Substance (MIS)
Cellular localisation: Secreted

Molecular Weight: 70kDa (reduced), 140kDa (nonreduced)

Gene ID: 268, 112432

Pathways: [Negative Regulation of Hormone Secretion](#)

Application Details

Application Notes: Known_Application: Western Blot (1-2 µg/mL), ,Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Positive_Control: Human or mouse ovary tissue.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months