Datasheet for ABIN5532823

anti-AMH antibody (AA 424-451)

3 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	AMH
Binding Specificity:	AA 424-451
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMH antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AMH
Alternative Name:	AMH (AMH Products)
Background:	Anti mullerian hormone (AMH) is a member of the TGF beta superfamily. It is secreted as a homodimeric 140kD disulphide linked precursor that is cleaved to release the mature 30kD

Target Details

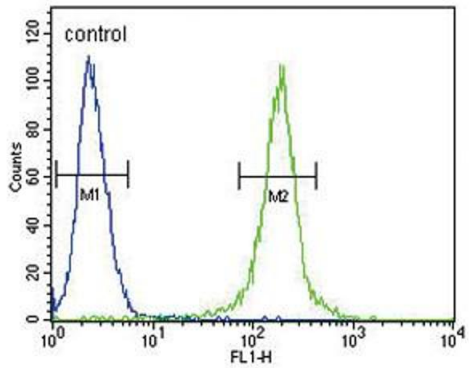
	homodimer. Originally classified as a foetal testicular hormone that inhibits Mullerian duct development, AMH is expressed post natally by immature Sertoli cells, and to a lesser degree by granulosa cells. AMH plays a role in testicular differentiation and in the regulation of ovarian follicle growth.
Molecular Weight:	59 kDa
Gene ID:	268
UniProt:	P03971
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Application Notes:	For WB starting dilution is: 1:2000 For IHC-P starting dilution is: 1:10~50 For FACS starting dilution is: 1:10~50
Restrictions:	For Research Use only

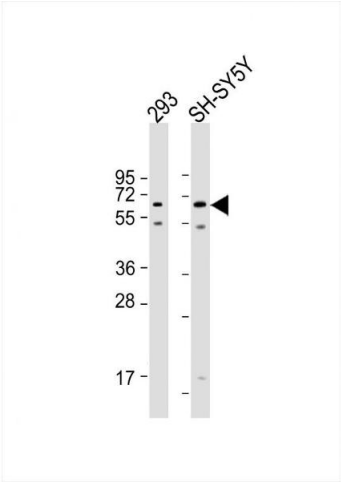
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



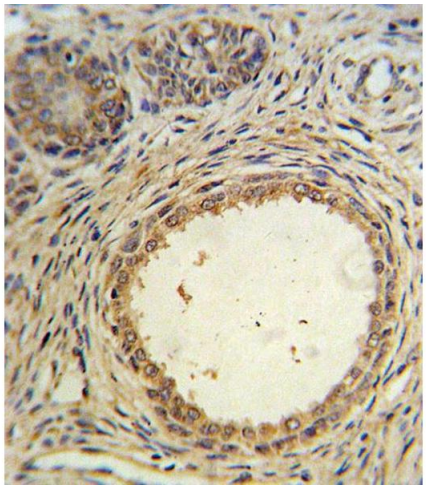
Flow Cytometry

Image 1. Flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western Blot at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: SH-SY5Y whole cell lysate Lysates/proteins at 20 ug per lane.



Immunohistochemistry

Image 3. AMH Antibody IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.