

Datasheet for ABIN950438
anti-AMH antibody (Middle Region)[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	200 µL
Target:	AMH
Binding Specificity:	AA 430-460, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide between 430~460 amino acids from the Central region of human AMH
Isotype:	Ig Fraction
Specificity:	This antibody reacts to Anti-Muellerian Hormone.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	AMH
Alternative Name:	Anti-Muellerian Hormone / AMH (AMH Products)

Target Details

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 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.Synonyms: MIF, MIS, Muellerian-inhibiting factor, Muellerian-inhibiting substance
Gene ID:	268
NCBI Accession:	NP_000470
Pathways:	Negative Regulation of Hormone Secretion

Application Details

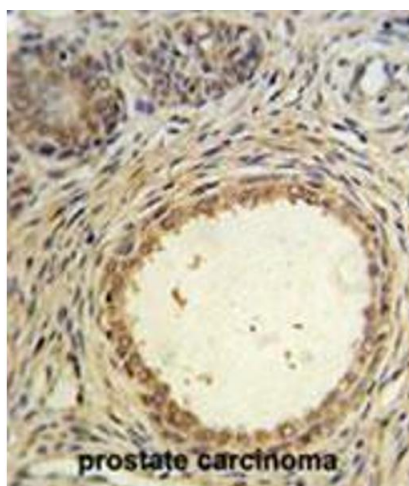
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

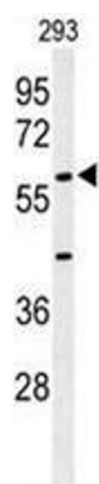
Publications

Product cited in:	Tuli, Sharma, McIlhaney, Talmadge, Naslavsky, Caplan, Solheim: "Amyloid precursor-like protein 2 increases the endocytosis, instability, and turnover of the H2-K(d) MHC class I molecule." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 181, Issue 3, pp. 1978-87, (2008) (PubMed).
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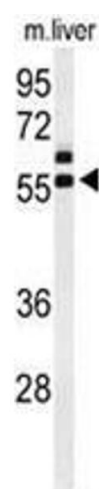
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. AMH Antibody (Center) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AMH Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of AMH Antibody (Center) in 293 cell line lysates (35µg/lane). AMH (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of AMH Antibody (Center) in mouse liver tissue lysates (35 µg/lane). AMH (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN950438.