



Anti-AMH (pro-region) polyclonal antibody (CABT-B8911)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human Anti-Mullerian Hormone (AMH) pro-region
Immunogen	Synthetic peptide corresponding to a linear epitope on the human AMH pro-region
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Human
Purification	Affinity purified $\geq 95\%$ pure by SDS-PAGE
Conjugate	Unconjugated
Applications	N/A
Format	Liquid
Concentration	Absorbance at 280nm (E 0.1%=1.4) Acceptable Range: 0.75 – 1.25 mg/mL Tested Concentration: 0.77 mg/mL
Size	0.5 mg
Buffer	PBS, pH 7.2 (sterile)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C.

BACKGROUND

Introduction

Anti-müllerian hormone (AMH) has gained widespread interest as an indicator of ovarian function and fertility. Serum levels serve as a biomarker for the relative size of a woman's ovarian reserve and have clinical importance in predicting the success of in vitro fertilization (IVF). AMH can also be used as a surrogate diagnostic marker of polycystic ovary syndrome in cases when ultrasonographic examination is not possible.

The AMH gene encodes an inactive homodimer precursor of identical disulphide-linked 70-kDa glycoproteins divided into two regions: pro-AMH (or N-terminal) and a C-terminal domain (also called the "mature" region). For signaling activation and binding to the AMH Receptor II, these domains require cleavage to yield two separate homodimers that remain associated in a noncovalent complex. Current commercial assays for AMH use antibody pairs that recognize the mature region only, or both the pro-AMH and mature regions.

GENE INFORMATION

Entrez Gene ID	268
----------------	---------------------

UniProt ID	P03971
------------	------------------------
