

**AMHR2 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7111c****Specification**

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**AMHR2 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">Q16671</a>
Other Accession	<a href="#">Q62893</a> , <a href="#">Q8K592</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	374-402

**AMHR2 Antibody (C-term) - Additional Information****Gene ID** 269**Other Names**

Anti-Muellerian hormone type-2 receptor, Anti-Muellerian hormone type II receptor, AMH type II receptor, MIS type II receptor, MISRII, MRII, AMHR2, AMHR, MISR2

**Target/Specificity**

This AMHR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-402 amino acids from the C-terminal region of human AMHR2.

**Dilution**

WB~~1:1000

FC~~1:10~50

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

AMHR2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**AMHR2 Antibody (C-term) - Protein Information****Name** AMHR2

**Synonyms** AMHR, MISR2

**Function** On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for anti-Muellerian hormone.

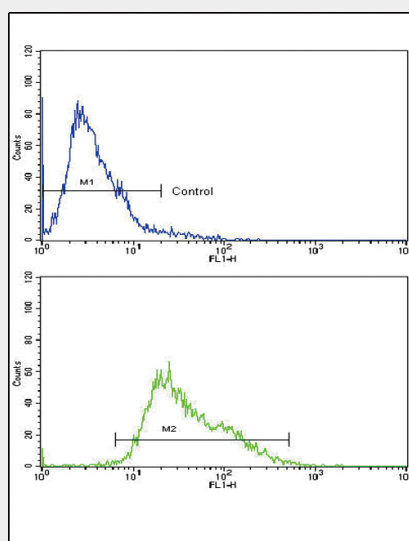
**Cellular Location**

Membrane; Single-pass type I membrane protein.

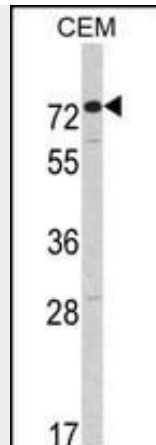
**AMHR2 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

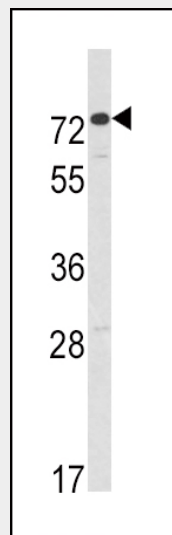
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**AMHR2 Antibody (C-term) - Images**

Flow cytometric analysis of CEM cells using AMHR2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western blot analysis of AMHR2 Antibody (C-term) (Cat. #AP7111c) in CEM cell line lysates (35ug/lane).AMHR2 (arrow) was detected using the purified Pab.



Western blot analysis of AMHR2 Antibody (C-term) (Cat. #AP7111c) in CEM cell line lysates (35ug/lane).AMHR2 (arrow) was detected using the purified Pab.

### AMHR2 Antibody (C-term) - Background

The AMH receptor (AMHR or AMHR2) is a serine/threonine kinase with a single transmembrane domain belonging to the family of type II receptors for TGF-beta-related proteins. Anti-Mullerian hormone (AMH) and its receptor are involved in the regression of Mullerian ducts in male fetuses. Male sex differentiation is mediated by 2 discrete hormones produced by the fetal testis. Testosterone, produced by Leydig cells, virilizes the external genitalia and promotes prostatic growth; anti-Mullerian hormone (AMH) results in regression of Mullerian ducts which would otherwise differentiate into the uterus and fallopian tubes.

### AMHR2 Antibody (C-term) - References

- Picard, J.Y., et al., J. Soc. Biol. 196(3):217-221 (2002).
- Teixeira, J., et al., Endocr. Rev. 22(5):657-674 (2001).
- Imbeaud, S., et al., Nat. Genet. 11(4):382-388 (1995).
- Visser, J.A., et al., Biochem. Biophys. Res. Commun. 215(3):1029-1036 (1995).
- Sinisi, A.A., et al., J. Endocrinol. Invest. 26 (3 Suppl), 23-28 (2003).

### AMHR2 Antibody (C-term) - Citations

- [Increased expression of antimüllerian hormone and its receptor in endometriosis.](#)

