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AMHR2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7111a

Specification

AMHR2 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q16671
Other Accession	Q28616
Reactivity	**Human**
Predicted	**Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**13-42**

AMHR2 Antibody (N-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 13-42 amino acids from the N-terminal region of human AMHR2.

Dilution
WB~~1:1000

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

AMHR2 Antibody (N-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.

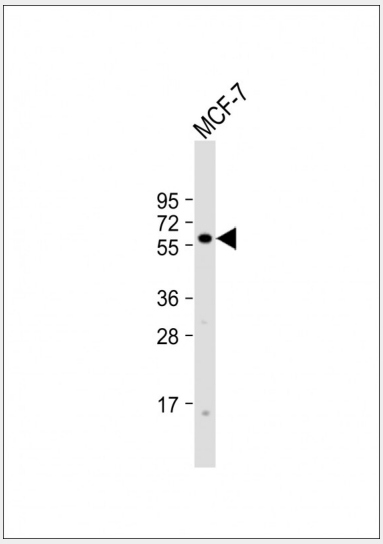
Cellular Location
Membrane; Single-pass type I membrane protein.

AMHR2 Antibody (N-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 Cytomety
- Cell Culture

AMHR2 Antibody (N-term) - Images



Anti-AMHR2 N-term at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 63 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

AMHR2 Antibody (N-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.

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AMHR2 Antibody (N-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 (N-term) - Citations

- Expression of anti-MÃ¼llerian hormone, CDKN1B, connexin 43, androgen receptor and steroidogenic enzymes in the equine cryptorchid testis.
- Expression of anti-MÃ¼llerian hormone, cyclin-dependent kinase inhibitor (CDKN1B), androgen receptor, and connexin 43 in equine testes during puberty.
- Biological and clinical significance of anti-MÃ¼llerian hormone determination in blood serum of the mare.