10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-AMHR2 Picoband Antibody
Catalog # ABO12669

Specification

Anti-AMHR2 Picoband Antibody - Product Information

Application	**WB**
Primary Accession	Q16671
Host	**Rabbit**
Reactivity	**Human, Rat**
Clonality	**Polyclonal**
Format	**Lyophilized**

Description
Rabbit IgG polyclonal antibody for Anti-Muellerian hormone type-2 receptor(AMHR2) detection. Tested with WB in Human;Rat.

Reconstitution
Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-AMHR2 Picoband Antibody - Additional Information

Gene ID 269

Other Names
Anti-Muellerian hormone type-2 receptor, 2.7.11.30, Anti-Muellerian hormone type II receptor, AMH type II receptor, MIS type II receptor, MISRII, MRII, AMHR2, AMHR, MISR2

Calculated MW
62750 MW KDa

Application Details
Western blot, 0.1-0.5 µg/ml, Human, Rat

Subcellular Localization
Membrane; Single-pass type I membrane protein.

Protein Name
Anti-Muellerian hormone type-2 receptor

Contents
Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen
A synthetic peptide corresponding to a sequence at the C-terminus of human AMHR2 (384-419aa QRYMAPELLDKTLDLQDWGMALRRADIYSLALLLWE), different from the related mouse and rat sequences by three amino acids.

Purification
Immunogen affinity purified.

Cross Reactivity
No cross reactivity with other proteins.

Storage	**At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.**

Anti-AMHR2 Picoband Antibody - 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.

Anti-AMHR2 Picoband Antibody - 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

Anti-AMHR2 Picoband Antibody - Images

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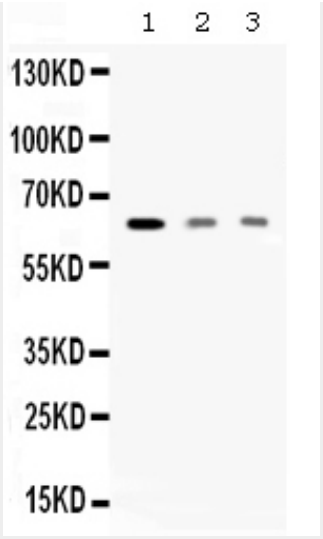

Western blot analysis of AMHR2 expression in rat skeletal muscle extract (lane 1), HELA whole cell lysates (lane 2) and MCF-7 whole cell lysates (lane 3). AMHR2 at 63KD was detected using rabbit anti- AMHR2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12669) at 0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-AMHR2 Picoband Antibody - Background

AMHR2 is the receptor for the anti-Mullerian hormone (AMH) which, in addition to testosterone, results in male sex differentiation. AMH and testosterone are produced in the testes by different cells and have different effects. Testosterone promotes the development of male genitalia while the binding of AMH to the encoded receptor prevents the development of the mullerian ducts into uterus and Fallopian tubes. Mutations in this gene are associated with persistent Mullerian duct syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified.