

Rabbit AMHR2 Polyclonal Antibody | anti-AMHR2 antibody

AMHR2 Antibody (C-term)

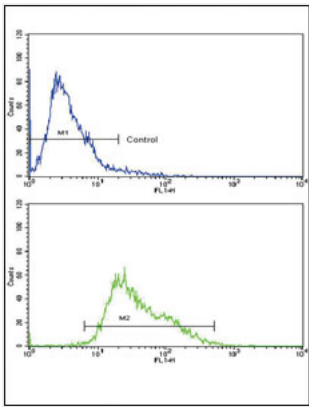
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283619	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

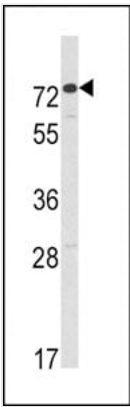
AMHR2; Polyclonal Antibody; AMHR2 Antibody (C-term); Anti-Muellerian hormone type-2 receptor; Anti-Muellerian hormone type II receptor; AMH type II receptor; MIS type II receptor; MISRII; MRII; AMHR; MISR2; anti-AMHR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	IgG
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.
Form/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.
Sequence Length	478
Applicable Applications for anti-AMHR2 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
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.
Immunogen Region	374-402
Preparation and 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.



FCM/FACS (Flow Cytometry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-AMHR2 antibody	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.
Product Categories/Family for anti-AMHR2 antibody	Signal Transduction
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	257743467
NCBI GeneID	269
NCBI Accession #	NP_001158162.1; NP_001158163.1; NP_065434.1
NCBI GenBank Nucleotide #	NM_001164690.1
UniProt Accession #	Q16671; Q13762; Q647K2; A0AVE1; B9EGB7; E9PGD2; F8W1D2
NCBI Official Full Name	anti-Muellerian hormone type-2 receptor isoform 2
NCBI Official Synonym Full Names	anti-Mullerian hormone receptor, type II
NCBI Official Symbol	AMHR2
NCBI Official Synonym Symbols	AMHR; MRII; MISR2; MISRII
NCBI Protein Information	anti-Muellerian hormone type-2 receptor
UniProt Protein Name	Anti-Muellerian hormone type-2 receptor
UniProt Gene Name	AMHR2
UniProt Synonym Gene Names	AMHR; MISR2; AMH type II receptor; MISRII; MRII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/amhr2-antibody-flow-cytometry-western-blot-elisa/283619>