

Datasheet for ABIN391175

anti-AMHR2 antibody (C-Term)

3 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	AMHR2
Binding Specificity:	AA 374-402, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMHR2 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB15726
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	AMHR2
---------	-------

Target Details

Alternative Name:	AMHR2 (AMHR2 Products)
Target Type:	Antibody
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.
Molecular Weight:	62750
Gene ID:	269
NCBI Accession:	NP_001158162 , NP_001158163 , NP_065434
UniProt:	Q16671

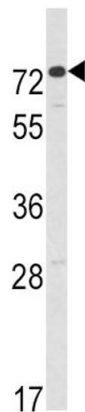
Application Details

Application Notes:	FC: 1:10~50
Restrictions:	For Research Use only

Handling

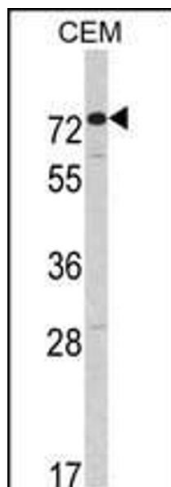
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Product cited in: Humbert, Navaratnam, Augert, Da Costa, Martien, Wang, Martinez, Abbadie, Carling, de Launoit, Gil, Bernard: "Regulation of ploidy and senescence by the AMPK-related kinase NUA1." in: **The EMBO journal**, Vol. 29, Issue 2, pp. 376-86, (2010) ([PubMed](#)).



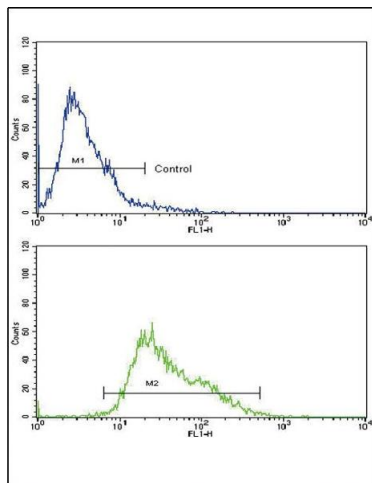
Western Blotting

Image 1. Western blot analysis of HR2 Antibody (C-term) (ABIN391175 and ABIN2841275) in CEM cell line lysates (35 µg/lane).HR2 (arrow) was detected using the purified Pab.



Western Blotting

Image 2. Western blot analysis of HR2 Antibody (C-term) (ABIN391175 and ABIN2841275) in CEM cell line lysates (35 µg/lane).HR2 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow cytometric analysis of CEM cells using HR2 Antibody (C-term)(bottom histogr) compared to a negative control cell (top histogr). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.