

## AMHR2 polyclonal antibody

Catalog: BS6322

Host: Rabbit

Reactivity: Human

### BackGround:

MISR II (anti-Muellerian hormone type-2 receptor, MIS type II receptor) is a 573 amino acid protein encoded by the human gene AMHR2. MISR II belongs to the protein kinase superfamily, TKL Ser/Thr protein kinase family, TGF $\beta$  receptor subfamily and contains one protein kinase domain. Upon ligand binding, MISR II forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. These type II receptors phospho-rylate and activate type I receptors which autophosphorylate, then bind and activate Smad transcriptional regulators. MISR II also acts as a receptor for anti-Muellerian hormone. Defects in AMHR2 are the cause of persistent Muellerian duct syndrome type 2 (PMDS-2). PMDS-2 is a form of male pseudo-hermaphroditism characterized by a failure of Muellerian duct regression in otherwise normal males.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

~ 63 kDa

### Swiss-Prot:

Q16671

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:2000

ELISA 1:5000 - 1:10000

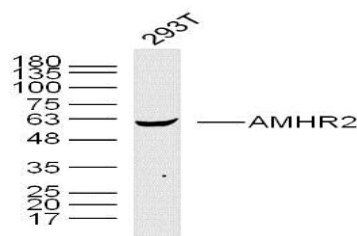
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

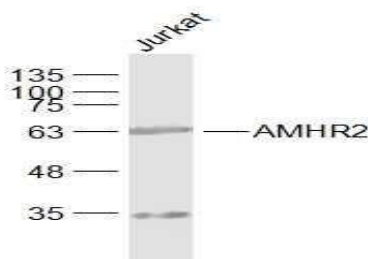
### Specificity:

AMHR2 polyclonal antibody detects endogenous levels of AMHR2 protein.

### DATA:



Anti- AMHR2 at 1:300 dilution.



Anti- AMHR2 at 1:1000 dilution.

### Note:

For research use only, not for use in diagnostic procedure.

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