

REEP5 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18591b**Specification**

REEP5 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q00765
Other Accession	NP_005660.4
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21493
Antigen Region	141-169

REEP5 Antibody (C-term) - Additional Information**Gene ID** 7905**Other Names**

Receptor expression-enhancing protein 5, Polyposis locus protein 1, Protein TB2, REEP5, C5orf18, DP1, TB2

Target/Specificity

This REEP5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-169 amino acids from the C-terminal region of human REEP5.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

REEP5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

REEP5 Antibody (C-term) - Protein Information**Name** REEP5**Synonyms** C5orf18, DP1, TB2

Function Plays an essential role in heart function and development by regulating the organization and function of the sarcoplasmic reticulum in cardiomyocytes.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Sarcoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q60870}; Multi-pass membrane protein. Note=Localizes to endoplasmic reticulum tubular network (PubMed:23969831). In cardiomyocytes, localizes to the junctional sarcoplasmic reticulum membrane which is closely tethered to the cell membrane and contractile machinery (By similarity) {ECO:0000250|UniProtKB:Q60870, ECO:0000269|PubMed:23969831}

Tissue Location

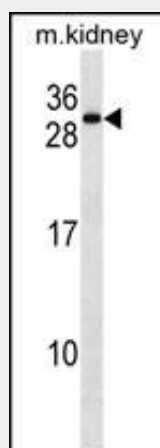
Expressed in heart (at protein level) (PubMed:32075961). Expressed in circumvallate papillae and testis (PubMed:16720576).

REEP5 Antibody (C-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 Cytometry](#)
- [Cell Culture](#)

REEP5 Antibody (C-term) - Images



REEP5 Antibody (C-term) (Cat. #AP18591b) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the REEP5 antibody detected the REEP5 protein (arrow).

REEP5 Antibody (C-term) - Background

REEP5 may promote functional cell surface expression of olfactory receptors.

REEP5 Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Lesch, K.P., et al. J Neural Transm 115(11):1573-1585(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Shin, S.M., et al. Gastroenterology 130(7):2074-2086(2006)