

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

E~~Use at an assay dependent concentration.

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

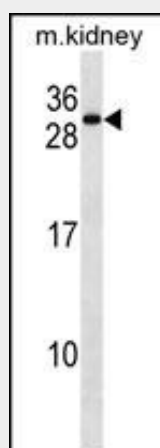
Expressed in heart (at protein level) (PubMed:32075961). Expressed in circumvallate papillae and testis (PubMed:16720576).

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)