

REEP5 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11189**Specification**

REEP5 Antibody (N-Terminus) - Product Information

Application	IHC-P
Primary Accession	Q00765
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21kDa KDa
Dilution	IHC-P~~N/A

REEP5 Antibody (N-Terminus) - Additional Information**Gene ID** 7905**Other Names**

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

Target/Specificity

Human REEP5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

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

REEP5 Antibody (N-Terminus) - 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).

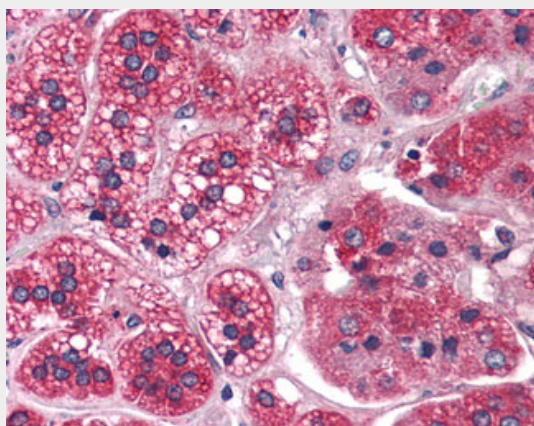
Volume

50 µl

REEP5 Antibody (N-Terminus) - 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 (N-Terminus) - Images

Anti-REEP5 antibody ALS11189 IHC of human adrenal.

REEP5 Antibody (N-Terminus) - Background

May promote functional cell surface expression of olfactory receptors.

REEP5 Antibody (N-Terminus) - References

Joslyn G., et al. Cell 66:601-613(1991).
Kinzler K.W., et al. Science 253:661-665(1991).
Saito H., et al. Cell 119:679-691(2004).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Schmutz J., et al. Nature 431:268-274(2004).