

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

---

**REEP5 Antibody (N-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">Q00765</a> |
| Reactivity        | Human, Mouse, Monkey   |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 21kDa KDa              |

**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).

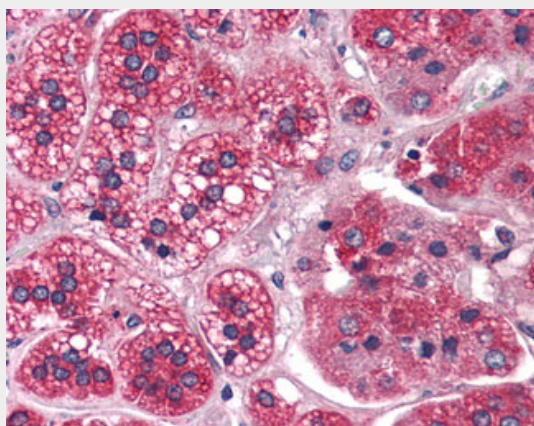
**Volume**

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).