



## Rabbit Anti-CLPTM1 antibody

SL8018R

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|-------------------------------|---|
| <b>Product Name:</b>          | CLPTM1  |
| <b>Chinese Name:</b>          | 唇裂和腭裂相关Transmembrane protein1抗体   |
| <b>Alias:</b>                 | Cleft lip and palate associated transmembrane protein 1; CLPTM 1; HS9; N14; CLPT1 HUMAN.  |
| <b>Organism Species:</b>      | Rabbit  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>React Species:</b>         | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,   |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 76kDa   |
| <b>Cellular localization:</b> | The cell membrane   |
| <b>Form:</b>                  | Lyophilized or Liquid   |
| <b>Concentration:</b>         | 1mg/ml  |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human CLPTM1:75-120/669<Extracellular>  |
| <b>Lsotype:</b>               | IgG   |
| <b>Purification:</b>          | affinity purified by Protein A  |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.  |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.   |
| <b>PubMed:</b>                | <a href="#">PubMed</a>  |
| <b>Product Detail:</b>        | Clefts of the oral-facial region usually occur in early fetal development and can affect the lip, the soft palate (the soft tissue in the back of the mouth) and the hard palate (the roof of the mouth). Cleft lip (with or without cleft palate) is a genetically complex birth defect that occurs in approximately one in every 750-1,000 live births. This is one of the most common birth defects and is multifactorial, with both genetic and environmental |

causes. Cleft lip- and palate-associated transmembrane protein 1 (CLPTM1) belongs to a family of cleft lip and palate transmembrane proteins. This family also contains cisplatin resistance-related protein (CRR9), which is involved in CDDP-induced apoptosis. The CLPTM1 protein shows strong homology to two *Caenorhabditis elegans* genes.

**Function:**

May play a role in T-cell development (By similarity).

**Subcellular Location:**

Membrane; Multi-pass membrane protein (Potential).

**Tissue Specificity:**

Widely expressed.

**Similarity:**

Belongs to the CLPTM1 family.

**SWISS:**

O96005

**Gene ID:**

1209

**Database links:**

[Entrez Gene: 1209](#)Human

[Entrez Gene: 56457](#)Mouse

[Entrez Gene: 292696](#)Rat

[Oimim: 604783](#)Human

[SwissProt: O96005](#)Human

[SwissProt: Q8VBZ3](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.