

CEMP1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15310**Specification**

CEMP1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q6PRD7
Other Accession	NM_001048212 , NP_001041677
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa kDa

CEMP1 Antibody - C-terminal region - Additional Information**Gene ID** 752014**Alias Symbol** CP-23, CP23**Other Names**

Cementoblastoma-derived protein 1, Cementum protein 1, Cementum protein 23, CP-23, CEMP1, CP23

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CEMP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CEMP1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CEMP1 Antibody - C-terminal region - Protein Information**Name** CEMP1 ([HGNC:32553](#))**Function**

May play a role in development of the periodontium which surrounds and supports the teeth by promoting the differentiation of multi-potent cells from the periodontal ligament into cementoblasts to form the cementum (PubMed:[17509525](http://www.uniprot.org/citations/17509525), PubMed:[21465469](http://www.uniprot.org/citations/21465469), PubMed:[21929512](http://www.uniprot.org/citations/21929512)). Binds hydroxyapatite and may promote the biomineralization of the cementum (PubMed:[19393626](http://www.uniprot.org/citations/19393626)). Also

promotes cell proliferation (PubMed:17509525, PubMed:21929512, PubMed:26011628).

Cellular Location

Cytoplasm. Nucleus Note=Localizes to the nucleus of some cementoblasts

Tissue Location

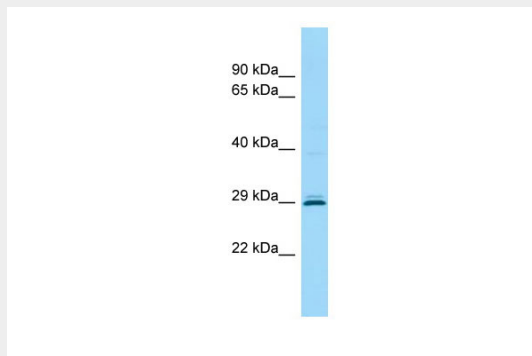
Expressed by cementoblasts, a subpopulation of periodontal ligament cells and cells located around vessels in periodontium (at protein level).

CEMP1 Antibody - C-terminal region - 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](#)

CEMP1 Antibody - C-terminal region - Images



WB Suggested Anti-CEMP1 Antibody Titration: 1.0 µg/ml
Positive Control: Hela Whole cell

CEMP1 Antibody - C-terminal region - References

Alvarez-Perez M.A.,et al.Bone 38:409-419(2006).