

DMP1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10655**Specification**

DMP1 Antibody - Product Information

Application	WB
Primary Accession	D4A5C7
Other Accession	D4A5C7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

DMP1 Antibody - Additional Information

Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody recognizes ~60-130 kDa DMP- 1 of human, mouse, and rat origins. Reactivity to other species has not been tested.
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Other Names

DMP-1, DMP 1

Target/Specificity

DMP1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-DMP-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

DMP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DMP1 Antibody - Protein Information

DMP1 Antibody - 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](#)

DMP1 Antibody - Images

DMP1 Antibody - Background

DMP-1 (Dentin matrix protein1) is a member of the integrin ligand N-linked glycoprotein family. It is mostly found in bone, tooth and hypertrophic cartilage. DMP-1 plays an important role in dentin and bone mineralization. DMP-1 has multiple serine, glutamic acid and aspartic acid residues, a GAG attachment site and RGD motif. DMP-1 is proteolytically processed into multiple fragments in the extracellular matrix (ECM) of bone and dentin.