

**OMD Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7474c****Specification**

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**OMD Antibody (Center) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, WB,E            |
| Primary Accession | <a href="#">Q99983</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 49492                  |
| Antigen Region    | 234-263                |

**OMD Antibody (Center) - Additional Information****Gene ID** 4958**Other Names**

Osteomodulin, Keratan sulfate proteoglycan osteomodulin, KSPG osteomodulin, Osteoadherin, OSAD, OMD, SLRR2C

**Target/Specificity**

This OMD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-263 amino acids from the Central region of human OMD.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

OMD Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**OMD Antibody (Center) - Protein Information****Name** OMD

**Synonyms** SLRR2C

**Function** May be implicated in biomineralization processes. Has a function in binding of osteoblasts via the alpha(V)beta(3)-integrin.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

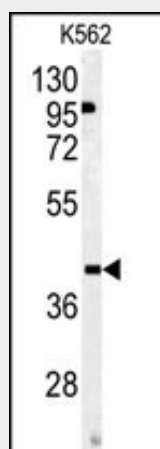
**Tissue Location**

Bone specific.

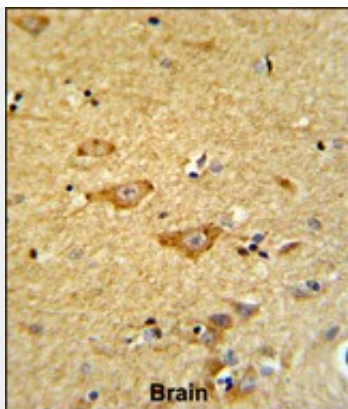
**OMD Antibody (Center) - Protocols**

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](#)

**OMD Antibody (Center) - Images**

Western blot analysis of OMD antibody (Center)(Cat.#AP7474c) in K562 cell line lysates (35ug/lane). OMD (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain reacted with OMD Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### **OMD Antibody (Center) - Background**

OMD may be implicated in biomineralization processes. This protein has a function in binding of osteoblasts via the  $\alpha(V)\beta(3)$ -integrin.

#### **OMD Antibody (Center) - References**

Onnerfjord P.J. Biol. Chem. 279:26-33(2004)  
Clark H.F., Gurney A.L. Genome Res. 13:2265-2270(2003)