

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

OMD Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q99983
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

WB~~1:1000

IHC-P~~1:50~100

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

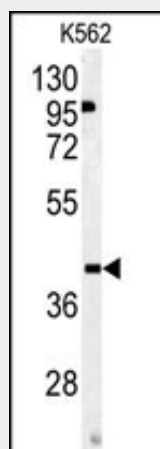
Bone specific.

OMD Antibody (Center) - Protocols

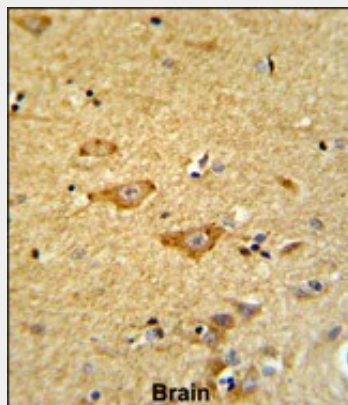
Provided below are standard protocols that you may find useful for product applications.

- [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)