

OMD Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7474b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q99983
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB18530
Calculated MW	49492
Antigen Region	394-421

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 394-421 amino acids from the C-terminal region of human OMD.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

Background

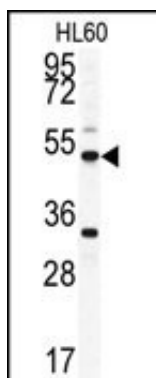
OMD may be implicated in biomineralization processes. This protein has a function in binding of osteoblasts via the alpha(V)beta(3)-integrin.

References

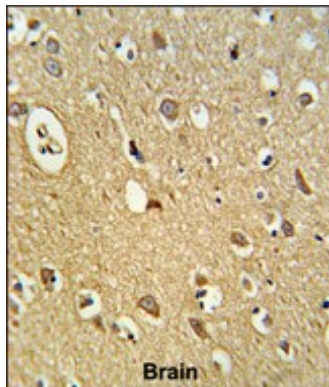
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Clark H.F., Gurney A.L.Genome Res. 13:2265-2270(2003)

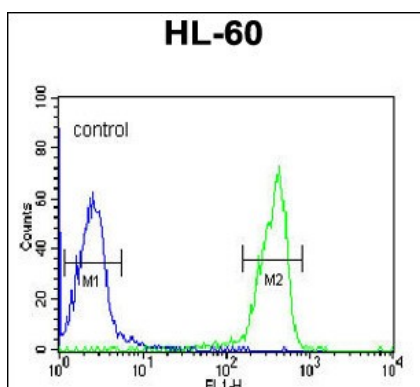
Images



Western blot analysis of OMD antibody (C-term)(Cat.#AP7474b) in HL60 cell line lysates (35ug/lane). OMD (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with OMD Antibody (C-term), 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 (C-term) (Cat. #AP7474b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- [The role of osteomodulin on osteo/odontogenic differentiation in human dental pulp stem cells.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.