

OSCAR Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18846b

Product Information

Application	WB, E
Primary Accession	Q8IYS5
Other Accession	NP_570127.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39599
Calculated MW	30481
Antigen Region	205-231

Additional Information

Gene ID	126014
Other Names	Osteoclast-associated immunoglobulin-like receptor, Osteoclast-associated receptor, hOSCAR, Polymeric immunoglobulin receptor 3, PIgR-3, PIgR3, Poly-Ig receptor 3, OSCAR
Target/Specificity	This OSCAR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-231 amino acids from the C-terminal region of human OSCAR.
Dilution	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 purified through a protein A column, followed by peptide affinity purification.
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	OSCAR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OSCAR
Function	Regulator of osteoclastogenesis which plays an important bone-specific function in osteoclast differentiation.

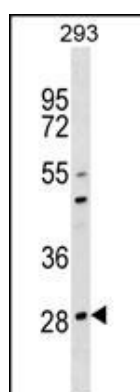
Background

Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis. This gene encodes an osteoclast-associated receptor (OSCAR), which is a member of the leukocyte receptor complex (LRC) protein family that plays critical roles in the regulation of both innate and adaptive immune responses. Different from the other LRC members, OSCAR expression is detected specifically in preosteoclasts or mature osteoclasts. OSCAR may be an important bone-specific regulator of osteoclast differentiation. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)
Herman, S., et al. Arthritis Rheum. 58(10):3041-3050(2008)
Merck, E., et al. J. Immunol. 176(5):3149-3156(2006)
Kim, K., et al. J. Biol. Chem. 280(42):35209-35216(2005)

Images



OSCAR Antibody (C-term)(Cat. #AP18846b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the OSCAR antibody detected the OSCAR protein (arrow).

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