

Rabbit anti-Human OSCAR Polyclonal Antibody | anti-OSCAR antibody

OSCAR Antibody (C-term)

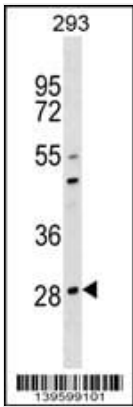
CATALOG # AAA290006	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

OSCAR; Polyclonal Antibody; OSCAR Antibody (C-term); Osteoclast-associated immunoglobulin-like receptor; Osteoclast-associated receptor; hOSCAR; Polymeric immunoglobulin receptor 3; PlgR-3; PlgR3; Poly-Ig receptor 3; anti-OSCAR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	205-231
Sequence Length	252
Applicable Applications for anti-OSCAR antibody	ELISA, WB (Western Blot)
Function	Regulator of osteoclastogenesis which plays an important bone-specific function in osteoclast differentiation.
Cellular location	Isoform 1: Secreted.
Calculated MW	30481
Preparation and 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-OSCAR antibody	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.
Product Categories/Family for anti-OSCAR antibody	Immunology; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	537544647
NCBI GeneID	126014
NCBI Accession #	NP_001269278.1; NP_001269279.1; NP_570127.3; NP_573398.2; NP_573399.2; NP_996554.2
NCBI GenBank Nucleotide #	NM_001282349.1
UniProt Accession #	Q8IYS5; Q5GRG5; Q8N763; Q8NHL4; Q8WXQ0; Q8WXQ1; Q8WXQ2; B7WNS2
NCBI Official Full Name	osteoclast-associated immunoglobulin-like receptor isoform 6
NCBI Official Synonym Full Names	osteoclast associated, immunoglobulin-like receptor
NCBI Official Symbol	OSCAR
NCBI Official Synonym Symbols	PIGR3; PlgR-3
NCBI Protein Information	osteoclast-associated immunoglobulin-like receptor
UniProt Protein Name	Osteoclast-associated immunoglobulin-like receptor

UniProt Gene Name	OSCAR
UniProt Synonym Gene Names	Osteoclast-associated receptor; hOSCAR; PlgR-3; PlgR3; Poly-Ig receptor 3
UniProt Entry Name	OSCAR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/oscar-antibody-western-blot-elisa/290006>