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CSF2RA Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19497b

Product Information

Application	WB, E
Primary Accession	P15509
Other Accession	NP_006131.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40748
Calculated MW	46207
Antigen Region	366-394

Additional Information

Gene ID	1438
Other Names	Granulocyte-macrophage colony-stimulating factor receptor subunit alpha, GM-CSF-R-alpha, GMCSFR-alpha, GMR-alpha, CDw116, CD116, CSF2RA, CSF2R, CSF2RY
Target/Specificity	This CSF2RA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 366-394 amino acids from the C-terminal region of human CSF2RA.
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	CSF2RA Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CSF2RA
Synonyms	CSF2R, CSF2RY

Function	Low affinity receptor for granulocyte-macrophage colony- stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein [Isoform 4]: Secreted.

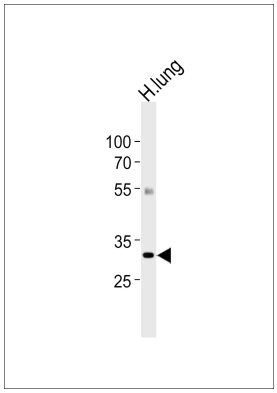
Background

The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble.

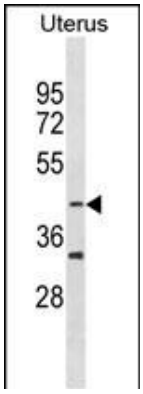
References

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Sun, S., et al. Brain Res. 1268, 13-16 (2009) :
Suzuki, T., et al. J. Exp. Med. 205(12):2703-2710(2008)
Martinez-Moczygemba, M., et al. J. Exp. Med. 205(12):2711-2716(2008)
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Images



Western blot analysis of lysate from human lung tissue lysate, using CSF2RA Antibody (C-term)(Cat. #AP19497b). AP19497b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



CSF2RA Antibody (C-term) (Cat. #AP19497b) western blot analysis in human Uterus tissue lysates (35ug/lane).This demonstrates the CSF2RA antibody detected the CSF2RA protein (arrow).

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