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IL2RG Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9450c

Product Information

Application	WB, E
Primary Accession	P31785
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21006
Calculated MW	42287
Antigen Region	200-229

Additional Information

Gene ID	3561
Other Names	Cytokine receptor common subunit gamma, Interleukin-2 receptor subunit gamma, IL-2 receptor subunit gamma, IL-2R subunit gamma, IL-2RG, gammaC, p64, CD132, IL2RG
Target/Specificity	This IL2RG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-229 amino acids from the Central region of human IL2RG.
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	IL2RG Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IL2RG
Function	Common subunit for the receptors for a variety of interleukins. Probably in association with IL15RA, involved in the stimulation of neutrophil phagocytosis by IL15 (PubMed:15123770).

Cellular Location Cell membrane; Single-pass type I membrane protein. Cell surface

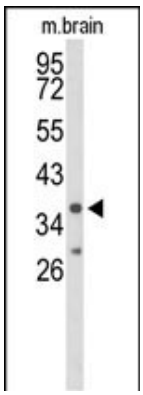
Background

IL2RG is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain.

References

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Ameratunga, R., et al. N. Z. Med. J. 122(1304):46-53(2009)
Clark, P.A., et al. Hum. Genet. 96(4):427-432(1995)
Ohbo, K., et al. J. Biol. Chem. 270(13):7479-7486(1995)
Bamborough, P., et al. Structure 2(9):839-851(1994)

Images



Western blot analysis of IL2RG Antibody (Center) (Cat. #AP9450c) in mouse brain tissue lysates (35ug/lane). IL2RG (arrow) was detected using the purified Pab.

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