

For Research Use Only

IL3ra Polyclonal antibody

Catalog Number: 30012-1-AP



Basic Information

Catalog Number: 30012-1-AP	GenBank Accession Number: NM_008369	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 16188	Recommended Dilutions: WB 1:500-1:1000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P26952	
Isotype: IgG	Full Name: interleukin 3 receptor, alpha chain	
Immunogen Catalog Number: AG32002	Calculated MW: 43 kDa	
	Observed MW: 43 kDa, 60-70 kDa	

Applications

Tested Applications: IF-P, WB, ELISA	Positive Controls: WB : PC-12 cells, NIH/3T3 cells IF : mouse brain tissue,
Species Specificity: mouse, rat	

Background Information

IL-3RA, also named as CD123 and SUT-1, is the alpha subunit of the interleukin 3 (IL-3) receptor, which is part of the type I cytokine receptor superfamily (PMID: 25043189). It can regulate the proliferation, survival, and differentiation of hematopoietic cells. In mouse, there are two classes of high-affinity IL-3 receptors. One contains an IL-3-specific beta subunit and the other contains the beta subunit also shared by high-affinity IL-5 and GM-CSF receptors. This antibody is specific for mouse IL3ra.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

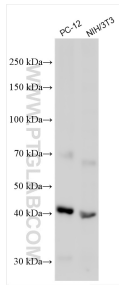
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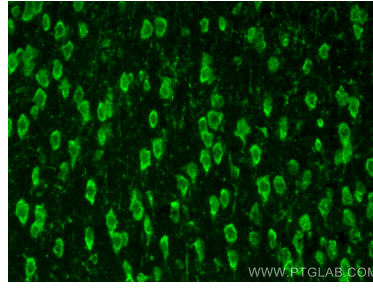
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30012-1-AP (Il3ra antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Il3ra antibody (30012-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).