

For Research Use Only

CD127/IL-7R Polyclonal antibody

Catalog Number: 17626-1-AP **2 Publications**



Basic Information

Catalog Number:

17626-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11844

GenBank Accession Number:

BC067537

GeneID (NCBI):

3575

ENSEMBL Gene ID:

ENSG00000168685

UNIPROT ID:

P16871

Full Name:

interleukin 7 receptor

Calculated MW:

459 aa, 52 kDa

Observed MW:

56-58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3600

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

FC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: mouse thymus tissue, K-562 cells

IP: K-562 cells,

Background Information

CD127, also known as IL-7R subunit alpha (IL-7RA), is a type I membrane glycoprotein expressed on thymocytes, B cell precursors, most T cells, and some lymphoid and myeloid cells. IL-7R is a heterodimer composed of CD127 and the common- γ chain receptor (CD132). IL-7R plays critical roles in lymphocyte development and homeostasis. CD127 can also act as a receptor for thymic stromal lymphopoietin (TSLP).

Notable Publications

Author	Pubmed ID	Journal	Application
Xinxin Liu	32319620	Mol Med Rep	WB
Nikolina Giotopoulou	38055067	J Mammary Gland Biol Neoplasia	WB

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:

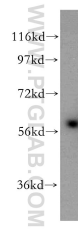
T: 4006900926

E: Proteintech-CN@ptglab.com

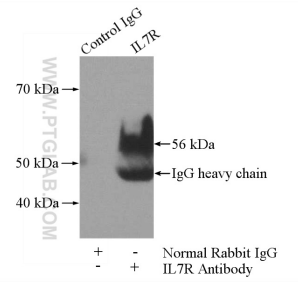
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

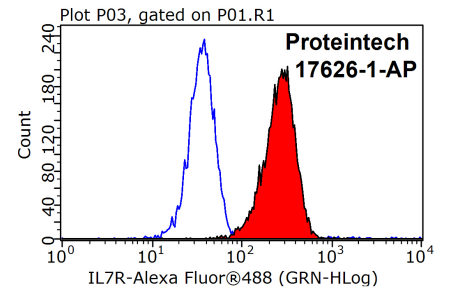
Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 17626-1-AP (CD127/IL7R antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-CD127/IL-7R (IP:17626-1-AP, 4ug; Detection:17626-1-AP 1:1000) with K-562 cells lysate 1200ug.



1X10⁶ K-562 cells were stained with 0.2ug CD127/IL7R antibody (17626-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.