For Research Use Only

IL-20RB Polyclonal antibody

Catalog Number:20521-1-AP 2 Publications

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Basic Information

Catalog Number:
20521-1-AP

Size:
150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14368

GenBank Accession Number:
BC033292

GeneID (NCBI):
53833

UNIPROT ID:
Q6UXL0

Full Name:
interleukin 20 receptor beta

Calculated MW:
311 aa, 35 kDa

Observed MW:
45 kDa, 66-70 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2400
IF/ICC 1:10-1:100

Applications

Tested Applications:
WB, IF, ELISA

Cited Applications:
WB, IF

Species Specificity:
human

Cited Species:
human, mouse

Positive Controls:

WB : MCF7 cells, Apoptosised HeLa cells, HeLa cells, K-562 cells

IF/ICC : HepG2 cells,

Background Information

Interleukin-20 receptor subunit beta (IL20RB) is a single-pass type I membrane protein of the type II cytokine receptor family. The interleukin-20-receptor I complex (IL-20-RI) is composed of two chains, IL20RA and IL20RB. IL-20-RI is a receptor for IL-19, IL-20 and IL-24. IL20RB can also form a heterodimer with IL22RA1. The IL22RA1/IL20RB dimer is a receptor for IL20 and IL24.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Hui Li	38098005	J Transl Med	WB,IF
Yuge Gao	37822943	Front Immunol	FC

Storage

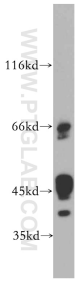
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

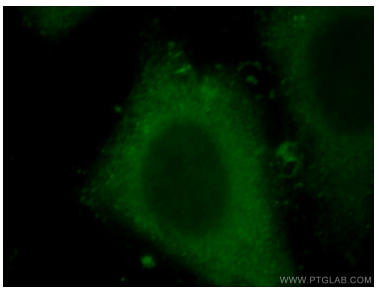
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



MCF7 cells were subjected to SDS PAGE followed by western blot with 20521-1-AP (IL20RB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using IL20RB antibody 20521-1-AP at 1:25 dilution and FITC- labeled goat anti-Rabbit IgG (green).