

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IL-6R alpha



Numéro de catalogue: 23457-1-AP

Phare

21 Publications

Informations de base

Numéro de catalogue:
23457-1-AP

Taille:
150ul, Concentration: 700 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG18263

Numéro d'acquisition GenBank:
BC132684

Identification du gène (NCBI):
3570

Nom complet:
interleukin 6 receptor

MW calculé
468 aa, 52 kDa

MW observés:
80 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, tissu splénique de rat, tissu splénique de souris

IP : tissu splénique de souris,

IHC : tissu d'amygdalite humain, tissu splénique humain

Informations générales

Interleukin-6 (IL-6) is a pleiotropic cytokine produced by a variety of cells during infection, trauma, and immunological challenge (PMID: 8274730). IL-6 acts via a receptor complex consisting of two distinct membrane-bound glycoproteins, an 80-kDa IL-6-binding subunit (IL-6R alpha, CD126, gp80) and a 130-kDa signal-transducing element (gp130, CD130). After binding of IL-6 to membrane-bound IL-6R alpha, the complex of IL-6 and IL-6R alpha associates with gp130, thus activating the receptor (PMID: 9716487). Expression of gp130 is found in almost all organs while expression of IL-6R alpha is predominantly confined to hepatocytes and leukocyte subpopulations (monocytes, neutrophils, T cells, and B cells) (PMID: 11149892). Soluble form of IL-6R alpha has been found in human serum and urine (PMID: 2529343; 1545125).

Publications notables

Auteur	Pubmed ID	Journal	Application
Li Jun	34531648	Mol Vis	WB
Qing-Yi Yang	31483954	Kaohsiung J Med Sci	WB
Qing Guo	36325060	iScience	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

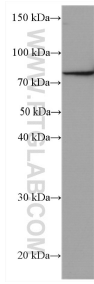
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

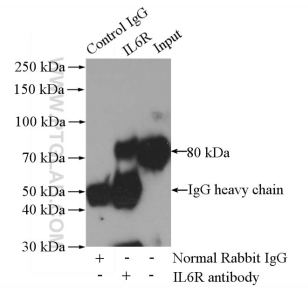
E: proteintech@ptglab.com
W: ptglab.com

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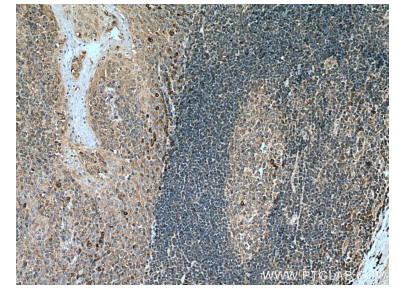
Données de validation sélectionnées



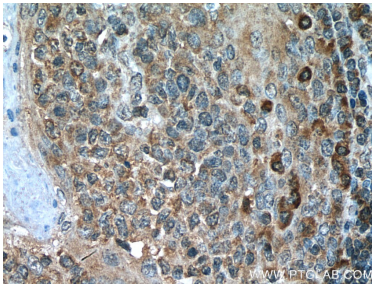
Jurkat cells were subjected to SDS PAGE followed by western blot with 23457-1-AP (IL-6R alpha antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP Result of anti-IL-6R alpha (IP:23457-1-AP, 4 μ g; Detection:23457-1-AP 1:500) with mouse spleen tissue lysate 4000 μ g.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 23457-1-AP (IL-6R alpha antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 23457-1-AP (IL-6R alpha antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).