

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IL-11RA



Numéro de catalogue: 10264-1-AP

2 Publications

Informations de base

Numéro de catalogue: 10264-1-AP	Numéro d'acquisition GenBank: BC003110	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 3590	Dilutions recommandées: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Hôte: Lapin	Nom complet: interleukin 11 receptor, alpha	
Isotype: IgG	MW calculé 45 kDa	
Immunogen Catalog Number: AG0373	MW observés: 45 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
souris

Contrôles positifs:

WB : tissu de côlon de souris,

IHC : tissu de cancer de la prostate humain, tissu de côlon de souris

IF : cellules N2a,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Informations générales

Interleukin-11 (IL-11), a member of the IL-6 family of cytokines, was firstly identified in bone marrow-derived stromal cells (PMID: 2145578). IL-11 is a multifunctional cytokine that plays important roles in hematopoiesis, bone development, tissue repair, and tumor development (PMID: 33863879). IL-10 signals through a receptor complex consisting of IL-11 receptor alpha subunit (IL-11RA) and gp130. IL-11RA binds IL-11 and gp130 transmits signals to the nucleus via Janus kinase (JAK) activation. In addition to a membrane-bound form, IL-11RA can also exist as a soluble form (sIL-11RA) that acts as an agonist of IL-11 activity (PMID: 26876177; 27493449).

Publications notables

Autrice	Pubmed ID	Journal	Application
Masue M Marbiah	24843046	EMBO J	IF
Chenshuang Zhang	37490628	ACS Nano	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.

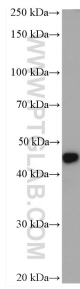
For technical support and original validation data for this product please contact:

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

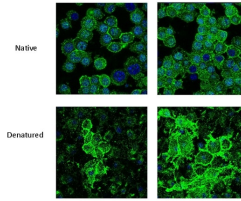
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées

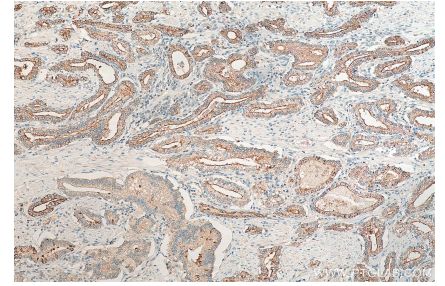


mouse colon tissue were subjected to SDS PAGE followed by western blot with 10264-1-AP (IL11RA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

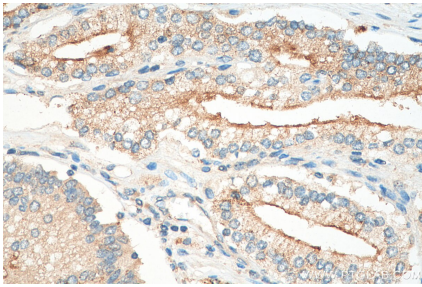
N2a neuroblastoma cells fixed under native (4% PFA- Triton X 100) or denaturing (4% PFA + Guanidine thiocyanate) conditions. Labelled with Anti-IL11Ra (Protein tech #10264-1-AP)



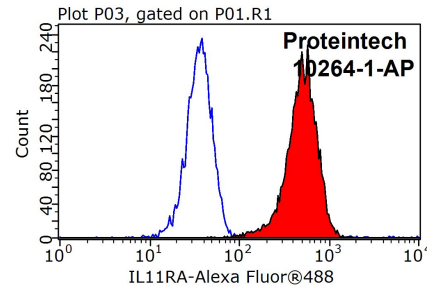
IF result of anti-IL11RA (10264-1-AP, 1:200) with N2a cells (4%PFA fixed) by Miss Masue Marbiah, PhD student MRC Prion Unit, Department of Neurodegenerative Diseases, UCL Institute of Neurology.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 10264-1-AP (IL-11RA 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 prostate cancer tissue slide using 10264-1-AP (IL-11RA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ K-562 cells were stained with 0.2ug IL11RA antibody (10264-1-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.