

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OAS2



Numéro de catalogue: 19279-1-AP

Phare

16 Publications

Informations de base

Numéro de catalogue:

19279-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6170

Numéro d'acquisition GenBank:

BC049215

Identification du gène (NCBI):

4939

Nom complet:

2'-5'-oligoadenylate synthetase 2, 69/71kDa

MW calculé

82 kDa

MW observés:

66-71 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : IFN alpha treated A549 cells,

IP : cellules Jurkat,

IHC : tissu de cancer du foie humain, tissu de cancer du sein humain

IF : cellules HepG2,

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

The 2-prime,5-prime oligoadenylate synthetases (OASs), such as OAS2, are IFN-induced proteins characterized by their capacity to catalyze the synthesis of 2-prime,5-prime oligomers of adenosine (2-5As). OAS2 is also named as p69 OAS / p71 OAS. It has 3 isoforms(71/69/20 kDa) produced by alternative splicing. The OAS2 isozymes are 69-71 kDa and form dimers(PMID:17765707). Glycosylation is essential for its activity(PMID:9880569). Constitutive expression of the 69-kDa form of the OAS2 protein in human cells inhibited the replication of encephalomyocarditis virus (EMCV) but not that of VSV, Sendai virus, or reovirus(PMID:16501108). This antibody is specific to isoform p71 and isoform p69 of OAS2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Arthur Wickenhagen	34581622	Science	WB
Liang Zhang	30258002	J Virol	WB
Yan-Zhou Huang	35305973	J Invest Dermatol	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.

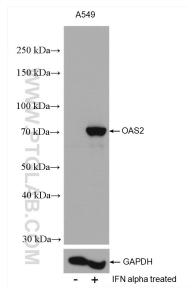
For technical support and original validation data for this product please contact:

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

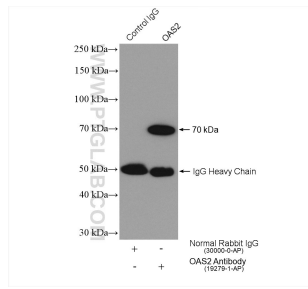
E: proteintech@ptglab.com
W: ptglab.com

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

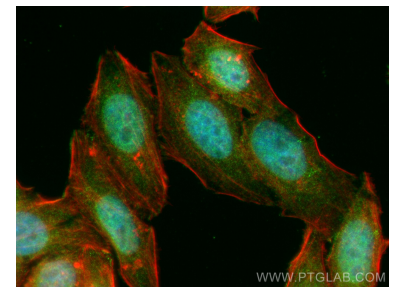
Données de validation sélectionnées



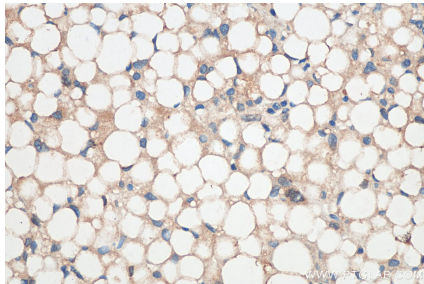
IFN alpha treated A549 cells were subjected to SDS PAGE followed by western blot with 19279-1-AP (OAS2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



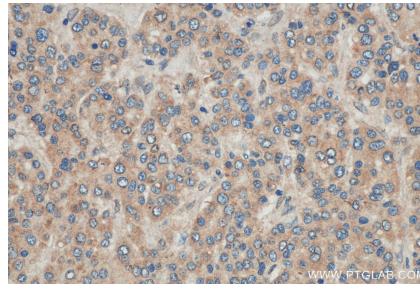
IP result of anti-OAS2(IP:19279-1-AP, 4ug; Detection:19279-1-AP 1:500) with Jurkat cells lysate 1800 ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using OAS2 antibody (19279-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 19279-1-AP (OAS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 19279-1-AP (OAS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).