

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DUSP11



Numéro de catalogue: 10204-2-AP

Phare

8 Publications

## Informations de base

Numéro de catalogue:  
10204-2-AP

Taille:  
150ul , Concentration: 700 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0276

Numéro d'acquisition GenBank:  
BC000346

Identification du gène (NCBI):  
8446

Nom complet:  
dual specificity phosphatase 11  
(RNA/RNP complex 1-interacting)

MW calculé  
39 kDa

MW observés:  
39 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:2000-1:12000  
IP 0.5-4.0 ug for IP and 1:1000-1:8000  
for WB  
IF 1:700-1:2800

## Applications

Applications testées:  
IF, IP, WB, ELISA

Demandes citées:  
WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
Humain

Contrôles positifs:

WB : cellules A431, cellules HeLa, cellules K-562

IP : cellules K-562,

IF : cellules A431,

## Informations générales

DUSP11, also known as PIR1, is a unique member of atypical DUSPs which could bind directly to RNA and possess RNA 5'-triphosphatase and diphosphatase activities. DUSP11 converts the 5' triphosphate of microRNA precursors to a 5' monophosphate, and regulates cellular noncoding RNAs levels. In addition to a catalysis towards RNA, more evidence showed that DUSP11 could also dephosphorylate proteins.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Zhao	30451863	Nat Commun	WB
James M Burke	28296624	RNA Biol	WB
Nicolas Vabret	35789859	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.

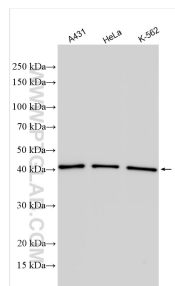
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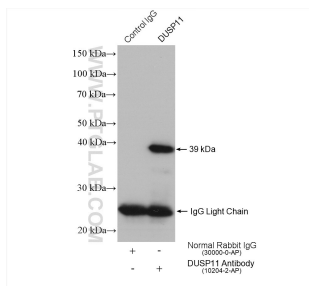
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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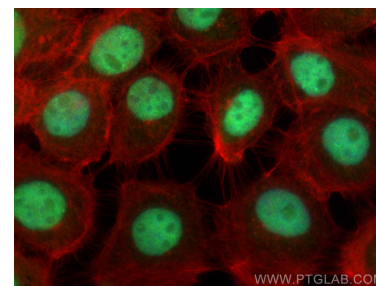
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 10204-2-AP (DUSP11 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-DUSP11(IP:10204-2-AP, 4ug; Detection:10204-2-AP 1:4000) with K-562 cells lysate 1760 ug.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using DUSP11 antibody (10204-2-AP) at dilution of 1:1400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).