

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-FMR1



Numéro de catalogue: 13755-1-AP

Phare

7 Publications

## Informations de base

Numéro de catalogue:

13755-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4697

Numéro d'acquisition GenBank:

BC038998

Identification du gène (NCBI):

2332

Nom complet:

fragile X mental retardation 1

MW calculé

632 aa, 71 kDa

MW observés:

59-72 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:200-1:800

IF 1:50-1:500

## Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

**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 K-562, cellules HEK-293, cellules HeLa, cellules Jurkat, tissu cérébral de souris, tissu de thymus de souris

IP : cellules HeLa,

IHC : tissu de côlon humain, tissu de cancer du côlon humain, tissu de gliome humain, tissu hépatique humain

IF : cellules HepG2, cellules HeLa

## Informations générales

The selective RNA-binding protein FMRP forms a messenger ribonucleoprotein complex that associates with polyribosomes, implicating in regulation of translation. FMR1 is a component of the CYFIP1-EIF4E-FMR1 complex which binds to and represses the mRNA. It also has a role in the transport of mRNA from the nucleus to the cytoplasm. FMR1 exists several isoforms and the molecular weight of FMR1 is about 59-72 kDa.

## Publications notables

Auteur	Pubmed ID	Journal	Application
Yuhan Hu	36347844	Cell Death Dis	WB,IHC
Yu Men	35351128	Cancer Cell Int	WB
Olga Gourdomichali	35205152	Biology (Basel)	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.

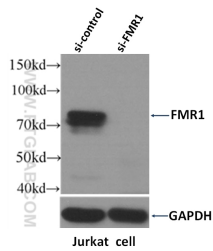
For technical support and original validation data for this product please contact:

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

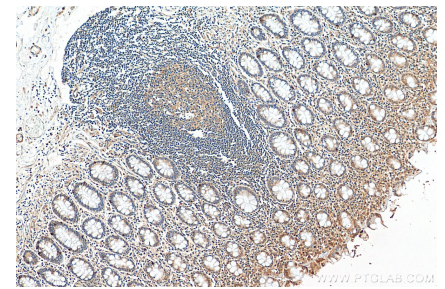
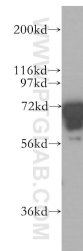
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées

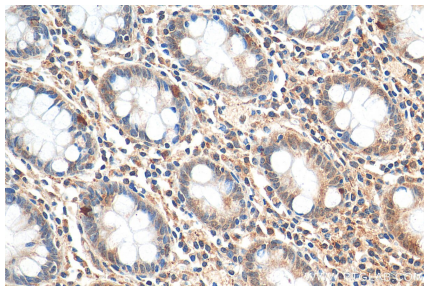


WB result of FMR1 antibody (13755-1-AP, 1:1500) with si-Control and si-FMR1 transfected Jurkat cells. FMR1 gene has many isoforms with MW 59-72 kDa.

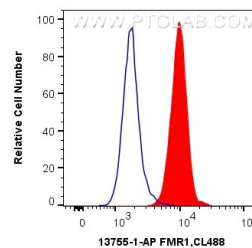
K-562 cells were subjected to SDS PAGE followed by western blot with 13755-1-AP (FMRP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



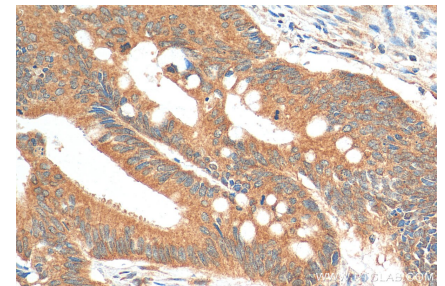
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 13755-1-AP (FMR1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



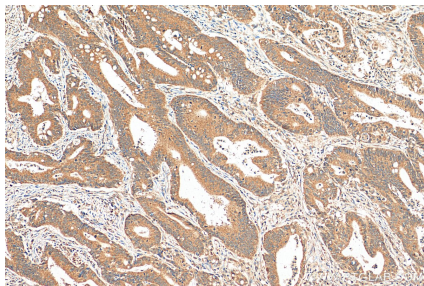
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 13755-1-AP (FMR1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



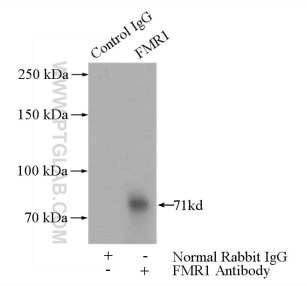
1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Anti-Human FMR1 (13755-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



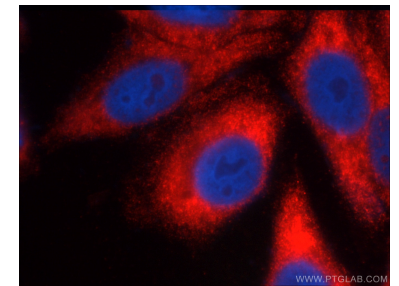
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13755-1-AP (FMR1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13755-1-AP (FMR1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-FMRP (IP:13755-1-AP, 4ug; Detection:13755-1-AP 1:1000) with HeLa cells lysate 2800ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 13755-1-AP (FMRP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).