

FMR1 Polyclonal Antibody

Catalog number: 13755-1-AP

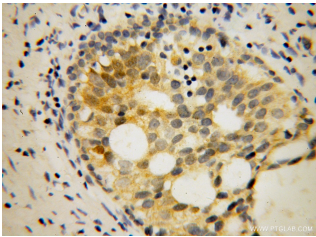
Size: 36 µg/150 µl

Source: Rabbit

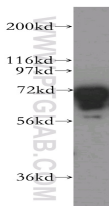
Isotype: IgG

Synonyms:

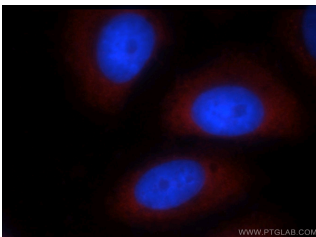
FMR1; FMR1, FMRP, fragile X mental retardation 1, FRAXA, POF, POF1, Protein FMR 1



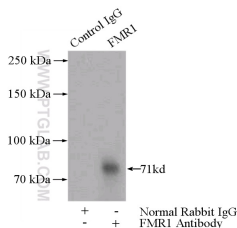
Immunohistochemical of paraffin-embedded human gliomas using 13755-1-AP(FMR1 antibody) at dilution of 1:100 (under 40x lens)



K-562 cells were subjected to SDS PAGE followed by western blot with 13755-1-AP(FMR1 antibody) at dilution of 1:500



Immunofluorescent analysis of HepG2 cells using 13755-1-AP(FMR1 Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



IP Result of anti-FMR1

(IP:13755-1-AP, 4ug;

Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated FMR1 MW:	632aa, 71 kDa
Observed FMR1 MW:	66-71kd
Positive WB detected in	K-562 cells, HEK-293 cells, HeLa cells, Jurkat cells, mouse brain tissue, mouse thymus tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human gliomas tissue
Positive IF detected in	HepG2 cells, Hela cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4697
GenBank accession number:	BC038998
Gene ID (NCBI):	2332
Full name:	Fragile X mental retardation 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

Detection:13755-1-AP 1:1000)
with HeLa cells lysate 2800ug.