

JTV1 Polyclonal Antibody

Catalog number: 10424-1-AP

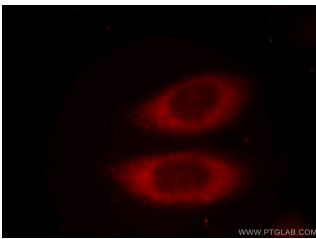
Size: 53 µg/150 µl

Source: Rabbit

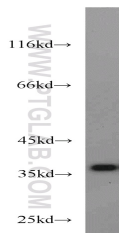
Isotype: IgG

Synonyms:

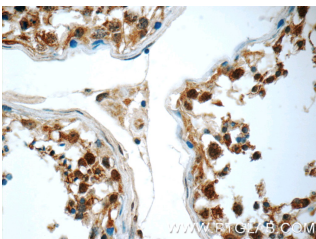
JTV1; AIMP2, JTV1, JTV1 gene,
P38, PRO0992, Protein JTV 1



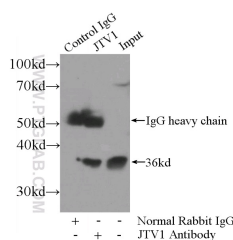
Immunofluorescent analysis of HeLa cells, using JTV1 antibody 10424-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



HeLa cells were subjected to SDS PAGE followed by western blot with 10424-1-AP (JTV1 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human testis tissue slide using 10424-1-AP (JTV1 Antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-JTV1

Background

JTV1, also named p38, AIMP2, was first known as a factor associated with macromolecular protein complex, which consists of several different aminoacyl-tRNA synthetases. JTV1 is a scaffold protein required for the assembly and stability of the multi-tRNA synthetase complex. JTV1 could act as a mediator of TGF-beta signaling and its functional importance in the control of MYC during lung differentiation. Blocks MDM2-mediated ubiquitination and degradation of p53/TP53. Functions as a proapoptotic factor. This is a rabbit polyclonal antibody raised against full-length of JTV1.

Applications

Tested applications:	ELISA, WB, IF, IHC, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated JTV1 MW:	36 kDa
Observed JTV1 MW:	36 kDa
Positive WB detected in	HeLa cells, HepG2 cells, K-562 cells, L02 cells, mouse liver tissue, NIH/3T3 cells, rat liver tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human testis tissue, human cerebellum tissue, human kidney tissue
Positive IF detected in	HeLa cells, HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 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:	Ag0675
GenBank accession number:	BC002853
Gene ID (NCBI):	7965
Full name:	JTV1 gene

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:10424-1-AP, 3ug;
Detection:10424-1-AP 1:1000)
with HeLa cells lysate 800ug.**