

UBA5 Polyclonal Antibody

Catalog number: 12093-1-AP

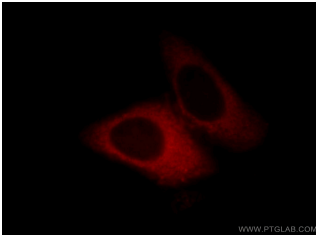
Size: 38 µg/150 µl

Source: Rabbit

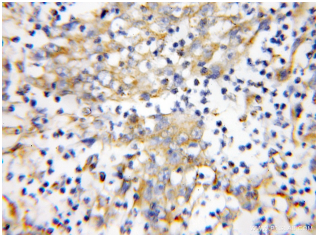
Isotype: IgG

Synonyms:

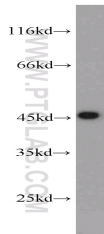
UBA5; FLJ17281, FLJ23251, FLJ23251UBA5, THIFP1, UBA5, UBE1DC1, Ubiquitin activating enzyme 5, UFM1 activating enzyme



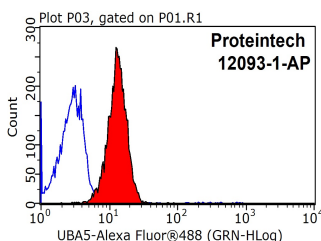
Immunofluorescent analysis of HepG2 cells, using UBA5 antibody 12093-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human colon cancer using 12093-1-AP (UBA5 antibody) at dilution of 1:100 (under 10x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 12093-1-AP (UBA5 antibody) at dilution of 1:1000



Background

UBA5 (Ubiquitin-like modifier-activating enzyme 5) is also named as UBE1DC1, ThiFP1. It has been detected highest UBE1DC1 expression in spleen, high expression in most other tissues examined, and low expression in colon, prostate, brain, and ovary by RT-PCR analysis (PMID:16328888).

Applications

Tested applications:	ELISA, WB, IHC, IF, IP, FC
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated UBA5 MW:	404aa, 45 kDa
Observed UBA5 MW:	45 kDa
Positive WB detected in	Jurkat cells, human colon tissue, mouse kidney tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human colon cancer tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100 FC: N/A

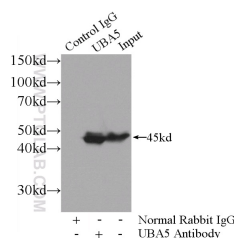
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2734
GenBank accession number:	BC009737
Gene ID (NCBI):	79876
Full name:	Ubiquitin-like modifier activating enzyme 5

Product information

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



1X10⁶ HeLa cells were stained with 0.2ug UBA5 antibody (12093-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.

IP Result of anti-UBA5 (IP:12093-1-AP, 4ug; Detection:12093-1-AP 1:1000) with HeLa cells lysate 1800ug.