

BMSC UbP Polyclonal Antibody

Catalog number: 11564-1-AP

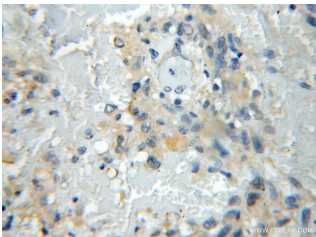
Size: 25 µg/150 µl

Source: Rabbit

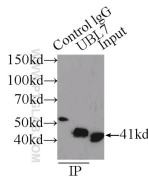
Isotype: IgG

Synonyms:

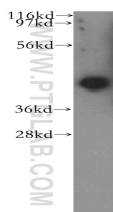
UBL7; BMSC UbP, BMSCUBP,
TCBA1, Ubiquitin like protein 7,
Ubiquitin like protein SB132,
UBL7



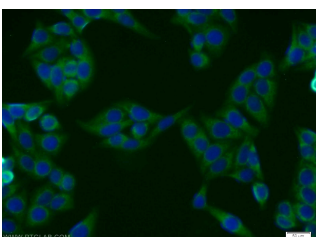
Immunohistochemical of paraffin-embedded human gliomas using 11564-1-AP(UBL7 antibody) at dilution of 1:50 (under 10x lens)



IP Result of anti-UBL7 (IP:11564-1-AP, 4µg; Detection:11564-1-AP 1:1000) with HeLa cells lysate 2000µg.



HepG2 cells were subjected to SDS PAGE followed by western blot with 11564-1-AP(UBL7 antibody) at dilution of 1:400



Immunofluorescent analysis of HepG2 cells using 11564-1-

Background

Ubiquitin is an important cellular signal that targets proteins for degradation or regulates their functions. UBL7 (ORF name SB132) encodes ubiquitin-like protein7 also named bone marrow stromal cell ubiquitin-like protein (BMSC-UbP) capable of binding ubiquitin. BMSC-UbP protein is derived from bone marrow stromal cells containing a ubiquitin-associated (UBA) domain at the C terminus that has been implicated in linking cellular processes and the ubiquitin system. BMSC-UbP mRNA is widely expressed in human multiple tissues and various tumor cell lines and is decreased in BMSC stimulated with phorbol myristate acetate (PMA) suggesting a role in regulation of BMSC function.

Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated BMSC UbP MW:	380aa, 41 kDa
Observed BMSC UbP MW:	41 kDa
Positive WB detected in	HepG2 cells, HeLa cells, Jurkat cells, mouse testis tissue, rat testis tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human gliomas tissue
Positive IF detected in	HepG2 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:	Ag2130
GenBank accession number:	BC030055
Gene ID (NCBI):	84993
Full name:	Ubiquitin-like 7 (bone marrow stromal cell-derived)

Product information

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

**AP(UBL7 Antibody) at
dilution of 1:25 and Alexa
Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit
IgG(H+L)**