For Research Use Only

## GABARAPL1 Monoclonal antibody

Catalog Number:66458-1-lg Featured Product 2 Publications

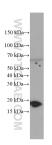
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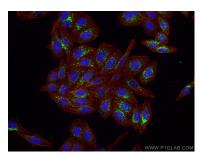
Catalog Number: 66458-1-lg	458-1-Ig BC009309   e: GeneID (NCBI):   Dul, Concentration: 1200 ug/ml by 23710   nodrop and 1000 ug/ml by Bradford   UNIPROT ID:   thod using BSA as the standard;   Q9H0R8   urce: Full Name:		Purification Method: Protein G purification CloneNo.: 1E10F6 Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:300-1:1200					
-								
150ul , Concentration: 1200 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG1473								
	16-18 kDa							
	Tested Applications:	Positive Controls:						
	WB, IF/ICC, ELISA		WB: mouse bi	e brain tissue, rat brain tissue, pig brain				
	Cited Applications:		tissue	5.cm (35500) (3500) (15500) (15500) (1580)				
		IF/ICC : HepG	IF/ICC : HepG2 cells,					
human								
GABARAPL1 (GABARAP-like protein 1), also named ATG8, GEC1, APG8L, ATG8L, and APG8-LIKE, is a member of the GABARP (GABAA receptor-associated protein) family. GABARAPL1 was initially identified as an estrogen-regulated gene and the protein acts in receptor and vesicle transport. It's also involved in the process of autophagy like GABARAP and GABARAPL2 and may be considered as an autophagic marker. It is expressed at very high levels in the brain, heart, peripheral blood leukocytes, liver, kidney, placenta, and skeletal muscle and at very low levels in the thymus and small intestine.								
Author Pub	med ID	lournal	Appli	ration				
		Journal	Applie	cation				
Xiaopeng Huang 382	34672	Iran J Basic Med Sci	WB	cation				
Xiaopeng Huang 382	34672			cation				
Xiaopeng Huang 382 Mai Tram Vo 374 Storage: Store at -20°C. Stable for one year after Storage Buffer:	34672 59327 shipment.	Iran J Basic Med Sci PLoS Pathog	WB	cation				
Xiaopeng Huang 382   Mai Tram Vo 374   Storage: Store at -20°C. Stable for one year after	34672 59327 59327 59327 541 59327 541 542 542 542 542 542 542 542 542 542 542	Iran J Basic Med Sci PLoS Pathog	WB	cation				
Xiaopeng Huang   382     Mai Tram Vo   374     Storage:   350     Storage Buffer:   20°C. Stable for one year after storage Buffer:     PBS with 0.02% sodium azide and 50%	34672 59327 59327 59327 541 59327 541 542 542 542 542 542 542 542 542 542 542	Iran J Basic Med Sci PLoS Pathog	WB	cation				
Xiaopeng Huang   382     Mai Tram Vo   374     Storage:   350     Storage Buffer:   20°C. Stable for one year after storage Buffer:     PBS with 0.02% sodium azide and 50%	34672 59327 59327 59327 541 59327 541 542 542 542 542 542 542 542 542 542 542	Iran J Basic Med Sci PLoS Pathog	WB	cation				
Xiaopeng Huang   382     Mai Tram Vo   374     Storage:   350     Storage Buffer:   20°C. Stable for one year after storage Buffer:     PBS with 0.02% sodium azide and 50%	34672 59327 59327 59327 541 59327 541 542 542 542 542 542 542 542 542 542 542	Iran J Basic Med Sci PLoS Pathog	WB	cation				
	66458-1-Ig Size: 150ul, Concentration: 1200 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG1473 Tested Applications: WB, IF/ICC, ELISA Cited Applications: WB, IF/ICC, ELISA Cited Applications: WB, IF Species Specificity: human, mouse, rat, pig Cited Species: human GABARAPL1 (GABARAP-like protein 1) GABARAP (GABAA receptor-associated gene and the protein acts in receptor a GABARAP and GABARAPL2 and may b brain, heart, peripheral blood leukocy	66458-1-lgBC009309Size:GeneID (NCBI):150ul, Concentration: 1200 ug/ml by 23710Nanodrop and 1000 ug/ml by Bradford UNIPROT ID: method using BSA as the standard; Q9H0R8Q9H0R8Source:Full Name: GABA(A) receptor like 1MouseGABA(A) receptor like 1IgG1Calculated MW: 14 kDaAG1473Observed MW: 16-18 kDaTested Applications: WB, IFSpecies Specificity: human, mouse, rat, pigCited Species: humanGABARAPL1 (GABARAP-like protein 1), also named ATC GABARAP and GABARAPL2 and may be considered as a brain, heart, peripheral blood leukocytes, liver, kidney, liver, kidney,	66458-1-Ig   BC009309     Size:   GeneID (NCBI):     150ul, Concentration: 1200 ug/ml by 23710     Nanodrop and 1000 ug/ml by Bradford     UNIPROT ID:     method using BSA as the standard;   Q9H0R8     Source:   Full Name:     Mouse   GABA(A) receptor-associated protein     Isotype:   like 1     IgG1   Calculated MW:     Immunogen Catalog Number:   14 kDa     AG1473   Observed MW:     16-18 kDa   WB: mouse br     Cited Applications:   WB: mouse br     WB, IF   IF/ICC : HepG     Species Specificity:   Issue     human   GABARAPL1 (GABARAP-like protein 1), also named ATG8, GEC 1, APG8L, ATC     GABARAP (GABAA receptor-associated protein) family. GABARAPL1 was initigene and the protein acts in receptor and vesicle transport. It's also involve     GABARAP and GABARAPL2 and may be considered as an autophagic marker     brain, heart, peripheral blood leukocytes, liver, kidney, placenta, and skeled	66458-1-1g   BC009309   Protein G purification     Size:   GenelD (NCBI):   CloneNo.:     150ul, Concentration: 1200 ug/ml by 23710   1E10F6     Nanodrop and 1000 ug/ml by Bradford_UNIPROT ID:   Recommended Dilutions:     method using BSA as the standard;   Q9H0R8   WB 1:1000-1:4000     Source:   Full Name:   IF/ICC 1:300-1:1200     Mouse   GABA(A) receptor-associated protein   Isotype:     Isotype:   Like 1   IgG1   Calculated MW:     Immunogen Catalog Number:   14 kDa   AG1473   Observed MW:     16-18 kDa   If/ICC : HepG2 cells,   Species Specificity:   If/ICC : HepG2 cells,     VB, IF   IF/ICC : HepG2 cells,   Species Specificity:   Inuman, mouse, rat, pig     Cited Species:   human   GABARAPL1 (GABARAP-like protein 1), also named ATG8, GEC 1, APG8L, ATG8L, and APG8-LIKE, is a mer GABARP (CABAA receptor-associated protein) family. CABARAPL1 was initially identified as an estrogg gene and the protein acts in receptor and vesicle transport. It's also involved in the process of autophag GABARAPL and GABARAPL2 and may be considered as an autophagic marker. It is expressed at very high brain, heart, peripheral blood leukocytes, liver, kidney, placenta, and skeletal muscle and at very low lidentified as an etyre gene and the protein acts in receptor and vesicle transport. It's also involved in the process of autophag </td				

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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## Selected Validation Data





mouse brain tissue were subjected to SDS PAGE followed by western blot with 66458-1-lg (GABARAPL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using GABARAPL1 antibody (66458-1-1g, Clone: 1E10F6) at dilution of 1:600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).