

Product datasheet for **TA336870**

GABARAP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunohistochemistry: 1:200, Immunohistochemistry-Paraffin: 1:200, Western Blot (Negative), ICC/IF (Negative)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to an N-terminal region of the human GABARAP protein (within residues 1-50). [Swiss-Prot O95166]
Formulation:	PBS, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	GABA type A receptor-associated protein
Database Link:	NP_009209 Entrez Gene 56486 Mouse O95166

Background: In several neurological diseases, GABARAP expression is related to autophagic functions. In Lewy body disease and Parkinson's disease, LC3 and GABARAP are often co-localized. Autophagy is regulated both at the transcriptional and post-transcriptional level, partially by the activation of GABARAP and other core autophagy machinery proteins. Although autophagy is usually considered to be important in cellular maintenance, and breakdown of proteins and organelles in cell death, it is becoming more and more clear that it plays an important role in the developmental process, including embryogenesis. This embryological effect seems to be partly regulated by GABARAP expression and activity.



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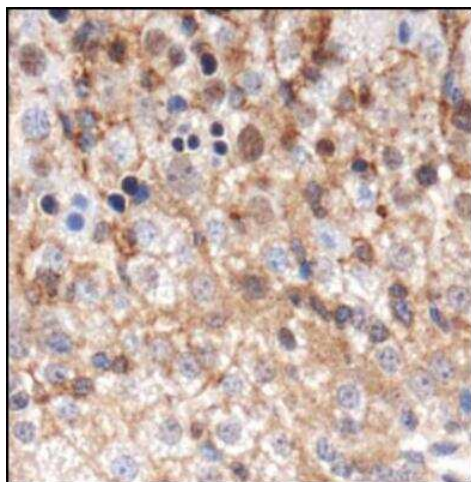
Synonyms: ATG8A; GABARAP-a; MM46

Note: This GABARAP antibody is useful for IHC-paraffin embedded sections. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. This antibody is not applicable in Western Blot or ICC.

Protein Families: Druggable Genome

Protein Pathways: Regulation of autophagy

Product images:



Immunohistochemistry: GABARAP Antibody TA336870 - IHC analysis of GABARAP in mouse liver using DAB with hematoxylin counterstain.