ATG4B Antibody

Catalog No: #37355

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

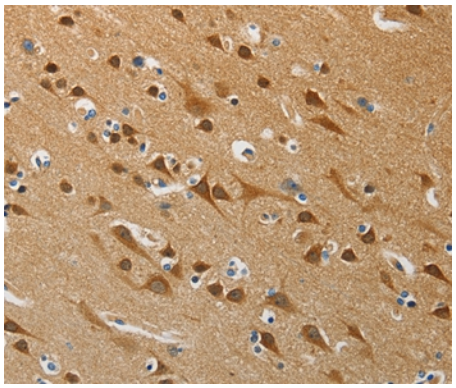
Description

Product Name	ATG4B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ATG4B protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human autophagy related 4B, cysteine peptidase
Target Name	ATG4B
Other Names	APG4B; AUTL1
Accession No.	Swiss-Prot#: Q9Y4P1NCBI Gene ID: 23192Gene Accssion: NP_037457
Uniprot	Q9Y4P1
GeneID	23192;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

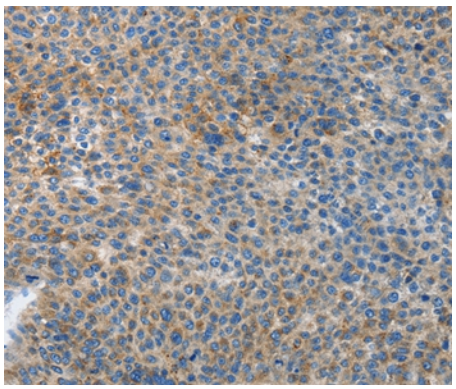
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37355 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37355 at dilution 1/50.

Background

Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Note: This product is for in vitro research use only