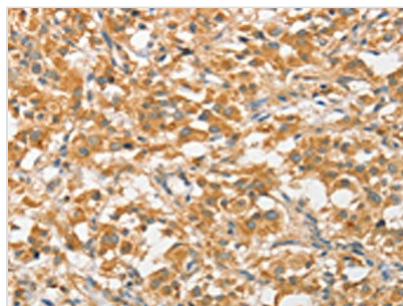




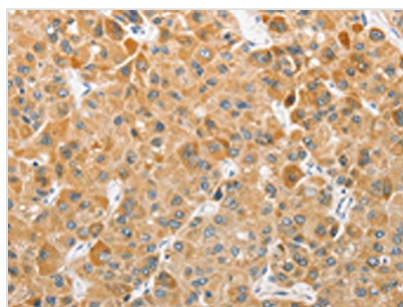
ATG5 Antibody

Product Code	CSB-PA028037
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9H1Y0
Immunogen	Fusion protein of Human ATG5
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:2000-1:5000,WB:1:500-1:2000,IHC:1:50-1:200
Relevance	Autophagy protein 5 is a protein that in humans is encoded by the ATG5 gene. It is an E3 ubiquitin ligase which is necessary for autophagy due to its role in autophagosome elongation. It is activated by ATG7 and forms a complex with ATG12 and ATG16L1. This complex is necessary for LC3-1 conjugation to PE to form LC3-II.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	ATG5

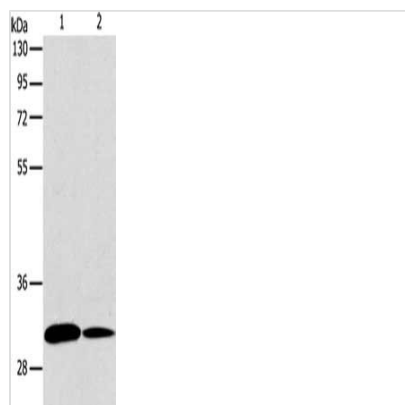
Image



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA028037(ATG5 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using CSB-PA028037(ATG5 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)



Gel: 12%SDS-PAGE, Lysate: 40 μ g, Lane 1-2:
 NIH/3T3 cells, A172 cells, Primary antibody:
 CSB-PA028037(ATG5 Antibody) at dilution
 1/475, Secondary antibody: Goat anti rabbit IgG
 at 1/8000 dilution, Exposure time: 20 seconds