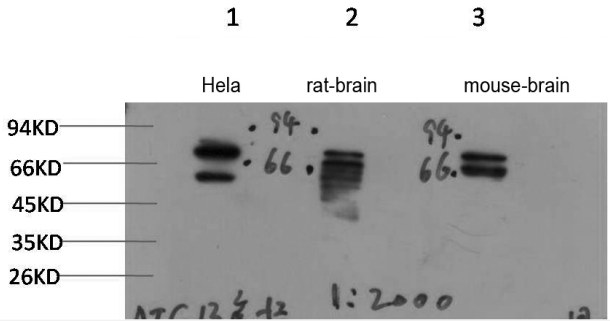
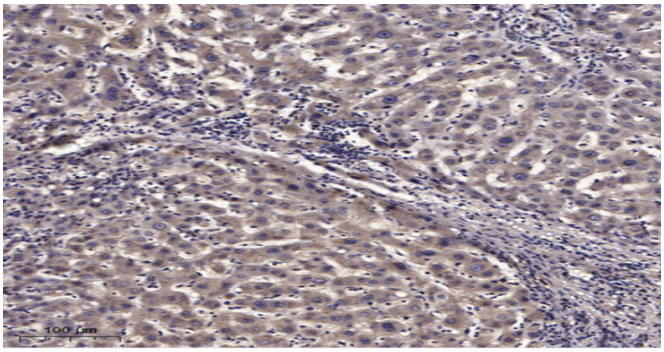
ATG13 Rabbit pAb

Catalog No	YP-Ab-10312
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	IHC;WB
Gene Name	ATG13 KIAA0652
Protein Name	ATG13
Immunogen	Synthesized peptide derived from human ATG13 AA range: 182-232
Specificity	This antibody detects endogenous levels of ATG13 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.19% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p1:50-200 ,WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Autophagy-related protein 13
Observed Band	72kD
Cell Pathway	Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to puncate structures primarily representing the isolation membrane; the isolation membrane sequesters a portion of the cytoplasm resulting in autophagosome formation. .
Tissue Specificity	
Function	
Background	Atg13 was identified as a constitutively expressed protein that was genetically linked to Atg1/Apg1, a protein kinase required for autophagy. Overexpression of Atg1 suppresses the defects in autophagy observed in Atg13 mutants. Autophagy requires a direct association between Atg1 and Atg13, and is inhibited by TOR-dependent phosphorylation of Atg13 under high-nutrient conditions.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of 1)Hela Cell, 2) Rat Brain Tissue, 3) Mouse Brainr Tissue Lysate using Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).