

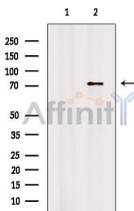
Phospho-Atg13 (Ser355) Ab

Cat.#: AF2319
Size: 100ul,200ul

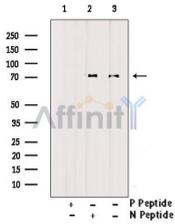
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 72kDa
Clonality: Polyclonal

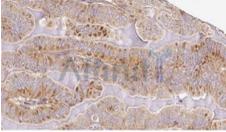
Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-Atg13 (Ser355) Ab detects endogenous levels of Atg13.
Immunogen:	A synthesized peptide derived from human Atg13 around the phosphorylation site of Ser355.
Uniprot:	O75143
Subcellular Location:	Cytoplasm > cytosol. Preautophagosomal structure. Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane and the isolation membrane sequesters a portion of the cytoplasm resulting in autophagosome formation.
Similarity:	The LIR motif (LC3-interacting region) is required for the interaction with the ATG8 family proteins GABARAP, GABARAPL, GABARAPL2, and MAP1LC3A. Belongs to the ATG13 family. Metazoan subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Serum-starved EC304 cells, using Phospho-Atg13 (Ser355) Ab. The lane on the left was treated with blocking peptide.



Western blot analysis of extracts from PANC-1 cells starved with HBSS, using Phospho-Atg13 (Ser355) Ab. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



AF2319 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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