



ELK Biotechnology

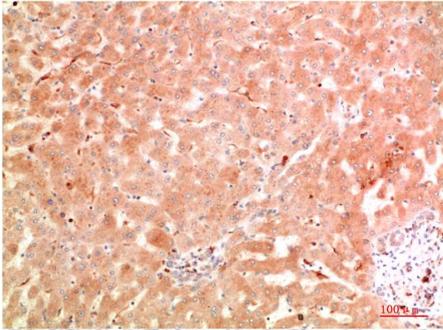
ATG5 Rabbit pAb

Catalog NO.: EA350

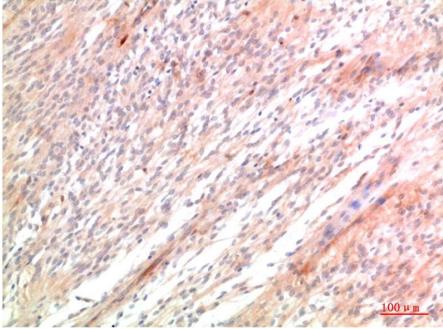
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Overview

Product name	ATG5 Rabbit polyclonal antibody
Source	Rabbit
Applications	IHC
Species reactivity	Human, Mouse, Rat
Recommended dilutions	Immunohistochemistry:1/100-200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	32kDa
GeneID (Human)	9494
Human Swiss-Prot No.	Q9H1Y0
Cellular localization	Cytoplasm, Membrane
Alternative Names	APG5, APG5L,ASP,Autophagy Cysteine protein5 antibody
Background	Autophagy is generally activated by conditions of nutrient deprivation but has also been associated with a number of physiological processes including development, differentiation, neurodegeneration, infection, and cancer. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.



Immunohistochemical analysis of paraffin-embedded Human Hepatocarcinoma Tissue using ATG5 (EA350) Rabbit pAb diluted at 1:200



Immunohistochemical analysis of paraffin-embedded Human Ovarian Carcinoma Tissue using ATG5 (EA350) Rabbit pAb diluted at 1:200.