



# ELK Biotechnology

ATG13 Rabbit pAb

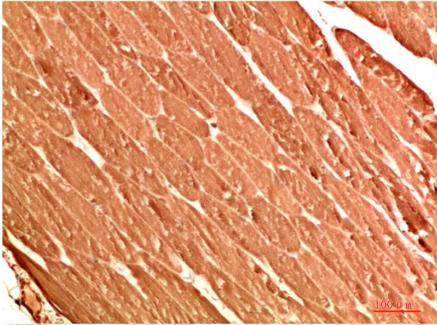
Catalog NO.: EA353

For research use only.

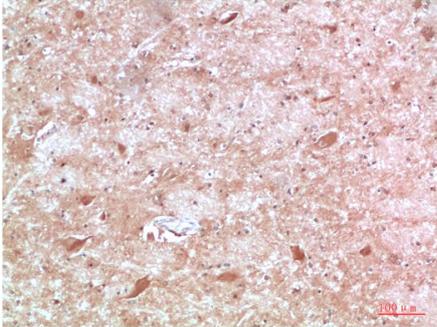
## Overview

---

Product name	ATG13 Rabbit polyclonal antibody
Source	Rabbit
Applications	IHC
Species reactivity	Human, Mouse, Rat
Recommended dilutions	Immunohistochemistry:1/100-200 <b>NOTE: Optimal dilutions should be determined by the end user.</b>
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	<b>57kDa</b>
GenID (Human)	9776
Human Swiss-Prot No.	O75143
Cellular localization	Cytoplasm
Alternative Names	KIAA0652, Apg13, Autophagy-related protein 13 antibody
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.



Immunohistochemical analysis of paraffin-embedded Human Skeletal Muscle Tissue using ATG13 (EA353) Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using ATG13 (EA353) Rabbit pAb diluted at 1:200.