

兔抗 ATG13 多克隆抗体

中文名称: 兔抗 ATG13 多克隆抗体

英文名称: Anti-ATG13 rabbit polyclonal antibody

别名: KIAA0652; ATG13; FLJ20698

相关类别: 一抗

储存: 冷冻 (-20℃) 避光

宿主: Rabbit

抗原: ATG13

反应种属: Human, Mouse, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

Background:

The autophagy-related protein 13 (Atg13) plays an important role in the formation of autophagosomes. Autophagosomes are formed in response to nutrient deprivation and function as the transport vesicles for organelles, proteins, and protein complexes targeted for lysosomes that digest these cargos to produce energy and nutrients. Atg13 is activated by the mTOR pathway and forms a complex with the FIP200 protein. This complex is involved in enhancing the activity of the ULK1 kinase which is required for the formation of autophagosomes. Atg13/FIP200 facilitates the localization of ULK1 to pre-autophagosomes, and subsequently stabilizes ULK1. Autophagy is an important process in development, growth, and cell differentiation, and disruption of

	this process may contribute to cancer, aging, and neurodegenerative diseases.
Applications:	WB
Name of antibody:	ATG13
Immunogen:	Fusion protein of human ATG13
Full name:	Autophagy-related protein 13
Synonyms :	KIAA0652; ATG13; FLJ20698
SwissProt:	O75143
WB Predicted band size:	57 kDa
WB Positive control:	Human brain tissue
WB Recommended dilution:	500-2000

