

Datasheet for ABIN7145102

anti-ATG13 antibody (AA 315-517) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ATG13
Binding Specificity:	AA 315-517
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG13 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Autophagy-related protein 13 protein (315-517AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATG13
Alternative Name:	ATG13 (ATG13 Products)
Background:	Background: Autophagy factor required for autophagosome formation and mitophagy. Target of the TOR kinase signaling pathway that regulates autophagy through the control of the

Target Details

phosphorylation status of ATG13 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex. Through its regulation of ULK1 activity, plays a role in the regulation of the kinase activity of mTORC1 and cell proliferation.

Aliases: ATG13 antibody, ATG13 autophagy related 13 homolog (*S. cerevisiae*) antibody, ATG13_HUMAN antibody, Autophagy related 13 antibody, Autophagy related protein 13 antibody, Autophagy-related protein 13 antibody, FLJ20698 antibody, KIAA0652 antibody, OTTHUMP00000233321 antibody, OTTHUMP00000233322 antibody, OTTHUMP00000233323 antibody, OTTHUMP00000233324 antibody, OTTHUMP00000233325 antibody, OTTHUMP00000233326 antibody

UniProt: [O75143](#)

Pathways: [PI3K-Akt Signaling](#), [Autophagy](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.