

ATG13 Rabbit pAb

Catalog No.: A0690 **2 Publications**

Basic Information

Catalog No.

A0690

Observed MW

75kDa

Calculated MW

44kDa/52kDa/56kDa/60kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200

Contact

 | www.abclonal.com

Background

The protein encoded by this gene is an autophagy factor and a target of the TOR kinase signaling pathway. The encoded protein is essential for autophagosome formation and mitophagy.

Immunogen Information

Gene ID	Swiss Prot
9776	075143

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 281-480 of human ATG13 (NP_055556.2).

Synonyms

KIAA0652;PARATARG8;ATG13

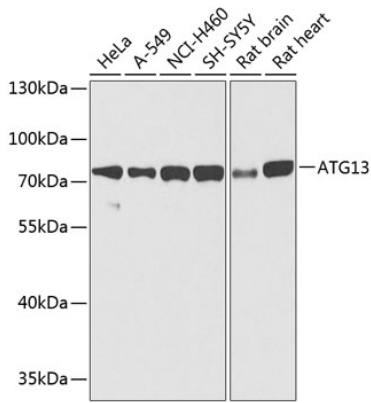
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using ATG13 antibody (A0690) at 1:1000 dilution.

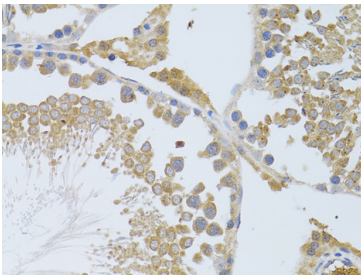
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

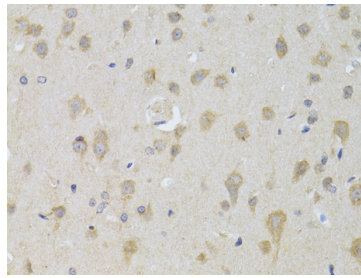
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

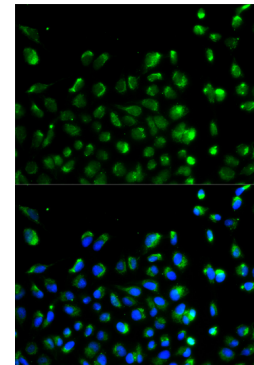
Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat testis using ATG13 antibody (A0690) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using ATG13 antibody (A0690) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A549 cells using ATG13 antibody (A0690). Blue: DAPI for nuclear staining.