

# ATG5 antibody

## Cat. No. GTX48583

| Host         | Rabbit  |
|--------------|---|
| Clonality    | Polyclonal  |
| Isotype      | IgG   |
| Applications | WB, ICC/IF, IHC-P, FCM, IP, PLA                             |
| Reactivity   | Human, Mouse, Rat, Zebrafish, Bovine, Pig, Xenopus, Primate |

References (2) Package 50 μΙ

## **Applications**

#### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500                |
| ICC/IF             | 1:250                |
| IHC-P              | 1:400                |
| FCM                | Assay dependent      |
| IP                 | 1:10 - 1:500         |
| PLA                | Assay dependent      |

Not tested in other applications.

This is selective for the full-length and calpain cleaved isoform proteins. The short isoform is missing amino acids 1-79. The **Product Note** calpain cleaved form of ATG5 is missing amino acids 195-275.

| Properties    |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS  |
| Preservative  | 0.02% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | A synthetic peptide made to an N-terminal region of the human ATG5 protein (within residues 1-50) [Swiss-Prot Q9H1Y0]  |
| Purification  | Purified by antigen-affinity chromatography  |



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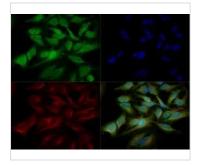
| Conjugation | Unconjugated  |
|-------------|---|
| Note        | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.                           |
|             | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

## DATA IMAGES



#### GTX48583 WB Image

WB analysis of HeLa cell lysate using GTX48583 ATG5 antibody.



#### GTX48583 ICC/IF Image

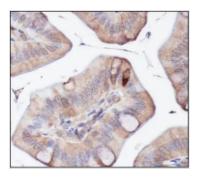
ICC/IF analysis of HeLa cells using GTX48583 ATG5 antibody.

Green: primary antibody

Red : Tubulin Blue : DAPI Dilution : 1:200

Fixation: 10% formalin

Permibilization: 0.5% Triton-X100



## GTX48583 IHC-P Image

IHC-P analysis of mouse intestine tissue using GTX48583 ATG5 antibody.



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