

# Product Datasheet

## ATG5 Antibody NBP1-28461

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-28461**

## ATG5 Antibody

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 mg  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.  |
| Clonality           | Polyclonal  |
| Preservative        | 0.02% Sodium Azide  |
| Purity              | Immunogen affinity purified   |
| Buffer              | Tris (pH 7.3), 0.5% BSA   |

| Product Description |   |
|---------------------|---|
| Host                | Goat  |
| Gene ID             | 9474  |
| Gene Symbol         | ATG5  |
| Species             | Human   |
| Reactivity Notes    | Human, Mouse, Bovine, Equine  |
| Immunogen           | Peptide with sequence C-SQVINEMQKDKHKQ, from the internal region of the protein sequence according to NP_004840.1.  |
| Notes               | Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at <a href="mailto:innovators@novusbio.com">innovators@novusbio.com</a> for more details. |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Peptide ELISA  |
| Recommended Dilutions       | Western Blot 1:100 - 1:2000, Peptide ELISA Detection limit 1:64000   |
| Application Notes           | Peptide ELISA: antibody detection limit dilution 1:64000. WB: Preliminary experiments gave an approx. 38 kDa band in NIH3T3 lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 32.4 kDa according to NP_004840.1. The 38 kDa band was successfully blocked by incubation with the immunizing peptide. |

**Publications**

Lee YR, Lei HY, Liu MT et al. Autophagic machinery activated by dengue virus enhances virus replication. *Virology* 2008-05-10 [PMID: 18353420]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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