

# Product Datasheet

## ATG5 Antibody (ATG5/2101)

### NBP3-07889-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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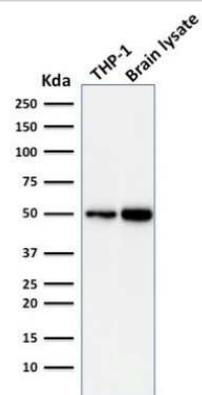
**NBP3-07889-100ug**

ATG5 Antibody (ATG5/2101)

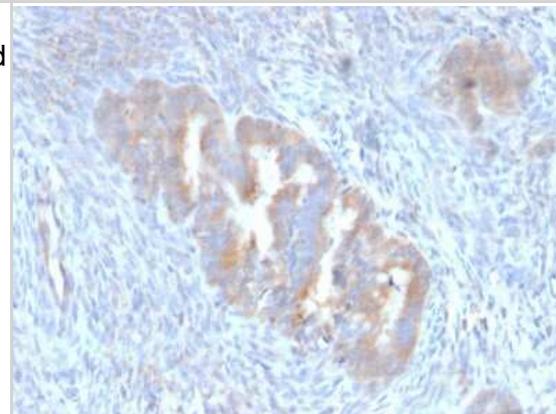
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ATG5/2101
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08504)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	9474
Gene Symbol	ATG5
Species	Human
Marker	Autophagy Marker
Immunogen	Recombinant fragment of human ATG5 protein (around aa 1-119) (exact sequence is proprietary) (Uniprot: Q9H1Y0)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1-5 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	ELISA: For coating use Ab at 1-5ug/ml, order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

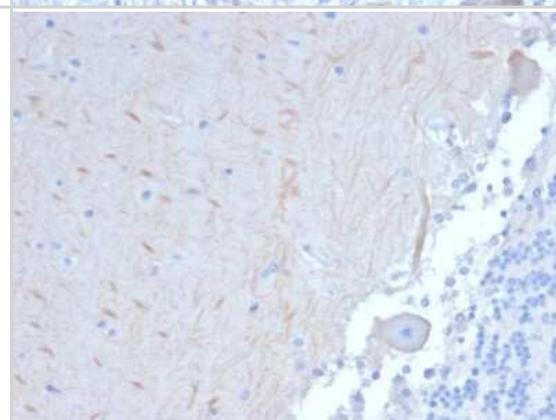
Western Blot: ATG5 Antibody (ATG5/2101) [NBP3-07889] - Western Blot Analysis of THP-1 cell and human Brain tissue lysate using ATG5 Mouse Monoclonal Antibody (ATG5/2101).



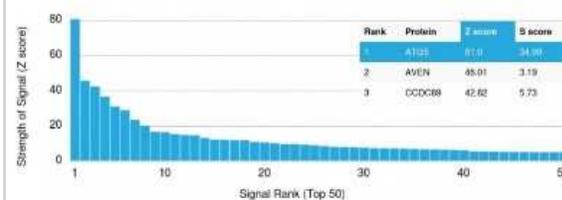
Immunohistochemistry-Paraffin: ATG5 Antibody (ATG5/2101) [NBP3-07889] - Formalin-fixed, paraffin-embedded human Endometrium stained with ATG5 Mouse Monoclonal Antibody (ATG5/2101).



Immunohistochemistry-Paraffin: ATG5 Antibody (ATG5/2101) [NBP3-07889] - Formalin-fixed, paraffin-embedded human Brain stained with ATG5 Mouse Monoclonal Antibody (ATG5/2101).



Protein Array: ATG5 Antibody (ATG5/2101) [NBP3-07889] - Analysis of Protein Array containing more than 19,000 full-length human proteins using ATG5 Mouse Monoclonal Antibody (ATG5/2101).





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### Products Related to NBP3-07889-100ug

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB110-53818PEP	ATG5 Antibody Blocking Peptide

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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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