

# AB-NN212-1

## ATG5 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human ATG5



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	Autophagy protein 5
<b>Alias:</b>	APG5-like, ASP, hAPG5
<b>UniProt ID:</b>	Q9H1Y0 - Human
<b>Human Predicted Mass (KDa):</b>	32.447 (275 AA; Q9H1Y0-1); 22.931 (197 AA; Q9H1Y0-2)
<b>Observed SDS-PAGE Mass (KDa):</b>	32

### Immunogen

<b>Antibody Immunogen Source:</b>	Synthetic peptide from the mid-protein of human ATG5
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	Mix
<b>Antibody Purification:</b>	Peptide affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human
<b>Target Detection Immunoblotting:</b>	Predicted molecular mass at ~32.4 kDa. Observed molecular masses at ~48-60 kDa based on ATG12-ATG5 heterodimer.
<b>Antibody Specificity:</b>	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987