

# AB-NN212-2

## ATG5 Antibody

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



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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 N-terminal 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>	High
<b>Antibody Cross Reactivities:</b>	Moderate high background in mouse brain lysates.

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