

AB-NN213-2

ATG12 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human ATG12



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Ubiquitin-like protein ATG12
Alias:	APG12-like, APG12, ATG12_Human, HAPG12, FBR93
UniProt ID:	O94817 - Human
Human Predicted Mass (kDa):	15.113 (140 AA; O94817-1); 7.746 (74 AA; O94817-4)
Observed SDS-PAGE Mass (kDa):	15

Immunogen

Antibody Immunogen Source:	Synthetic peptide from the N-terminal of human ATG12
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Mix
Antibody Purification:	Peptide affinity purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	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

Product Use:	WB
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human
Target Detection Immunoblotting:	Predicted molecular mass at ~15.1 kDa. Observed molecular masses at ~48-55 kDa protein based on ATG12-ATG5 heterodimer.
Antibody Specificity:	Medium
Antibody Cross Reactivities:	Main 15 kDa target not detected. Four other cross-reactive proteins detected 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 or contact us at 1-888-546-3987