

Anti-Apg12 (Atg12) Rabbit Monoclonal Antibody

Catalog Number: M00820

About ATG12

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

Overview

| Product Name | Anti-Apg12 (Atg12) Rabbit Monoclonal Antibody |
|----------------------|---|
| Reactive Species | Human |
| Description | Boster Bio Anti-Apg12 (Atg12) Rabbit Monoclonal Antibody catalog # M00820. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human. |
| Application | IF, IHC, ICC, WB |
| Clonality | Monoclonal ABID-1 |
| Formulation | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | O94817 |

Technical Details

| Immunogen | A synthesized peptide derived from human Apg12 (Atg12) |
|---------------------|--|
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure. |
| Purification | Affinity-chromatography |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: |



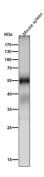
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

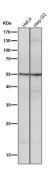
| WB 1:1000-1:5000 |
|-------------------|
| IHC 1:50-1:200 |
| ICC/IF 1:50-1:200 |



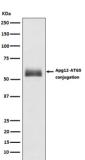
Anti-Apg12 (Atg12) Rabbit Monoclonal Antibody (M00820) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Apg12 expression in HepG2 cell lysate.

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