bs-4007R **[Primary Antibody]**

ATG16L Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 55054 **SWISS:** Q676U5

Target: ATG16L

Immunogen: KLH conjugated synthetic peptide derived from human ATG16A: 501-607/607.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is part of a large protein complex that is necessary for autophagy, the major process by which intracellular components are targeted to lysosomes for degradation. Defects in this gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2010]

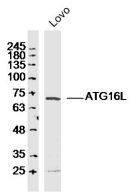
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat

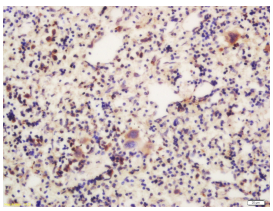
Predicted MW.: 68 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Lovo Cell (Human) Lysate at 30 ug Primary: Anti- ATG16L (bs-4007R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68kD Observed band size: 68kD



Tissue/cell: mouse spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ATG16L Polyclonal Antibody, Unconjugated(bs-4007R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=0]** Haider F. Ghazi et al. Immunohistochemical Expression of Xenophagy Proteins in Helicobacter pylori and None Helicobacter pylori Gastritis. J Pure Appl Microbiol,2018 12(4), 1795-1800 Dec. 2018 IHC ;Human. doi:10.22207/JPAM.12.4.12