

bs-22080R

[Primary Antibody]

ATG12 Rabbit pAb

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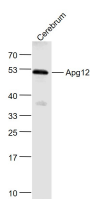
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400-901-9800

— DATASHEET —

| | | |
|--|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Horse) |
| GeneID: 9140 | SWISS: O94817 | Predicted MW.: 15 kDa |
| Target: ATG12 | | Subcellular Location: Cytoplasm |
| Immunogen: KLH conjugated synthetic peptide derived from human Apg12: 61-140/140. | | |
| 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: Autophagy is a process of bulk protein degradation in which cytoplasmic components, including organelles, are enclosed in double-membrane structures called autophagosomes and delivered to lysosomes or vacuoles for degradation. ATG12 is the human homolog of a yeast protein involved in autophagy (Mizushima et al., 1998[PubMed 9852036]).[supplied by OMIM]. | | |

— VALIDATION IMAGES —



Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti- Apg12 (bs-22080R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 15 kD Observed band size: 52kD