**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## ATG12 antibody GRP62

Description 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]

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

**Tested Applications** IHC-P, IP, WB

**Immunogen** Recombinant protein encompassing a sequence within the cente

region of human ATG12. The exact sequence is proprietary.

Form/Appearance Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was

added as a preservative.

Concentration 0.86 mg/ml

**Storage** Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Note For research use only.

Isotype IgG

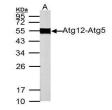
Clonality Polyclonal

**Purity** Purified by antigen-affinity chromatography.

**Uniprot ID** 094817

**Entrez** 9140

WB: 1:500-1:3000,IHC-P: 1:100-1:1000,IP: 1:100-1:500 **Dilution Range** 



Sample (50 ?g of whole cell

lysate) A: Rat brain 12%

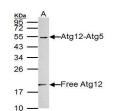
SDS

PAGE GRP514 diluted at 1:1000

The HRP-conjugated

anti-rabbit IgG antibody was used to

detect the primary antibody.



Sample (30 ?g of whole cell

lysate) A: NIH-3T3 12%

SDS

PAGE GRP514 diluted at

1:1000

The HRP-conjugated anti-rabbit

IgG antibody was used to detect the primary

antibody.