

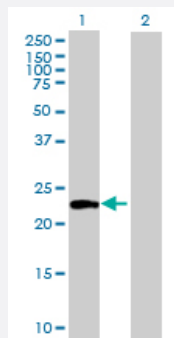
MaxPab®

ATG12 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009140-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ATG12 expression in transfected 293T cell line ([H00009140-T01](#)) by ATG12 MaxPab polyclonal antibody.

Lane 1: ATG12 transfected lysate(20.57 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ATG12 protein.
Immunogen	ATG12 (NP_004698.2, 1 a.a. ~ 187 a.a) full-length human protein.
Sequence	MTSREHQVSLCNCVPLLRLLCDAPWRKARPLHALSRYFRSRVSPSKMAEEPQSVLQLPTSIAA GGEGLTDVSPETTTPEPPSSAAVSPGTEEPAGDTKKKIDILLKAVGDTPIMKTKKWAVERTRTIQG LIDFIKKFLKLVASEQLFIYVQNQSFAPSPDQEVGTLYECFGSDGKLVLYCKSQAWG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ATG12

Entrez GeneID [9140](#)

GeneBank Accession# [NM_004707](#)

Protein Accession# [NP_004698.2](#)

Gene Name ATG12

Gene Alias APG12, APG12L, FBR93, HAPG12

Gene Description ATG12 autophagy related 12 homolog (S. cerevisiae)

Omim ID [609608](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations APG12 autophagy 12-like|Apg12 (autophagy, yeast) homolog

Pathway

- [Regulation of autophagy](#)

Disease

- [Adenocarcinoma](#)

- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)