

DNAxPAb

Hard-to-Find
Antibody

ATG12 DNAxPab

Catalog # H00009140-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATG12 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTSREHQVSLCNCVPLLRRLLCDAPWRKARPLHALSRVFRSRVSPSKMAEEPQSVLQLPTSIAA GGEGLTDVSPETTTPEPPSSAAVSPGTEEPAGDTKKKIDILLKAVGDTPIMKTKKWAVERTRTIQG LIDFIKKFLKLVASEQLFIYNQSFAPSPDQEVGTLYECFGSDGKLVLYCKSQAWG
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ATG12

Entrez GeneID [9140](#)

GeneBank Accession# [NM_004707.2](#)

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](#)