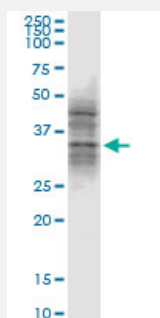


ATG3 monoclonal antibody (M04), clone 1G3

Catalog # H00064422-M04

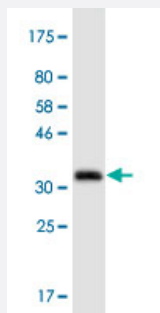
Size 100 ug

Applications



Western Blot (Cell lysate)

ATG3 monoclonal antibody (M04), clone 1G3. Western Blot analysis of ATG3 expression in HepG2(Cat # L019V1).



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ATG3.
Immunogen	ATG3 (NP_071933, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHHCTWQWATGEELKVKA YLPTGKQFLVTKNVPCYKRCKQMEYSDELEAIIIEE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
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 (Cell lysate)

ATG3 monoclonal antibody (M04), clone 1G3. Western Blot analysis of ATG3 expression in HepG2(Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ATG3

Entrez GeneID	64422
GeneBank Accession#	NM_022488
Protein Accession#	NP_071933
Gene Name	ATG3
Gene Alias	APG3, APG3-LIKE, APG3L, DKFZp564M1178, FLJ22125, MGC15201, PC3-96
Gene Description	ATG3 autophagy related 3 homolog (S. cerevisiae)
Omim ID	609606
Gene Ontology	Hyperlink

Gene Summary

Autophagy is a process of bulk degradation of cytoplasmic components by the lysosome or vacuole. Human ATG3 displays the same enzymatic characteristics in vitro as yeast Apg3, a protein-conjugating enzyme essential for autophagy (Tanida et al., 2002 [PubMed 11825910]).[supplied by OMIM]

Other Designations

2610016C12Rik|APG3 autophagy 3-like|Apg3p|autophagy Apg3p/Aut1p-like

Pathway

- [Regulation of autophagy](#)

Disease

- [Huntington Disease](#)