abcam

Product datasheet

Anti-ATG9A antibody [14F2 8B1] ab71795

4 References

製品の概要

製品名	Anti-ATG9A antibody [14F2 8B1]
製品の詳細	Armenian Hamster monoclonal [14F2 8B1] to ATG9A
由来種	Armenian hamster
アプリケーション	**適用あり:** ICC/IF, IHC-Fr, ELISA, WB, IP
種交差性	**交差種:** Mouse, Rat, Human
免疫原	Synthetic peptide: HPEPVPEEGSEDELPPQVHK (Human) Run BLAST with Run BLAST with
エピトープ	HPEPVPEEGSEDELPPQVHK
ポジティブ・コントロール	Endogenous protein, tagged over expressed protein and sRNA-depleted HEK 293 cells.
特記事項	The host species is Armenian hamster.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS
精製度	Immunogen affinity purified
ポリ/モノ	モノクローナル
クローン名	14F2 8B1
ミエローマ	P3x63-Ag8.653
アイソタイプ	IgG

アプリケーション

Our Abpromise guarantee covers the use of **ab71795** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC/IF		
IHC-Fr		
ELISA		
WB		
IP		

追加情報

ELISA: Use at an assay dependent dilution.
ICC/IF: Use at an assay dependent dilution.
IHC-Fr: Use at an assay dependent dilution. Acetone fixed.
IP: Use at an assay dependent dilution.
WB: Use at an assay dependent dilution. Predicted molecular weight: 94 kDa.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. Plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle. Cycles between a juxta-nuclear trans-Golgi network compartment and late endosomes. Nutrient starvation induces accumulation on autophagosomes. Starvation-dependent trafficking requires ULK1, ATG13 and SUPT20H.

配列類似性

Belongs to the ATG9 family.

細胞内局在

Cytoplasmic vesicle, autophagosome membrane. Golgi apparatus, trans-Golgi network membrane. Late endosome membrane. Endoplasmic reticulum membrane. Under amino acid starvation or rapamycin treatment, redistributes from a juxtanuclear clustered pool to a dispersed peripheral cytosolic pool. The starvation-induced redistribution depends on ULK1, ATG13, as well as SH3GLB1.

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