

Datasheet for ABIN2791150
anti-ATG101 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ATG101 (C12orf44)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Dog, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG101 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human C12orf44
Sequence:	LLHRSTGKFH YKKEGTYSIG TVGTQDVDCD FIDFTYVRVS SEELDRLRK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against C12orf44. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ATG101 (C12orf44)
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Target Details

Alternative Name:	C12orf44 (C12orf44 Products)
Background:	C12orf44 is an autophagy factor required for autophagosome formation. Alias Symbols: ATG101 Protein Interaction Partner: ATG4A, MAP1LC3A, GABARAP, ATG13, UBC, MYL3, CSNK2B, ANKFY1, FOXO3, FKBP4, ETFA, DSC1, COPA, CBR1, ASNS, ARG1, ALDH9A1, UBA5, LARS, COPG1, CDC37, LRPPRC, RB1CC1, LONP1, VARS, TARS, SSRP1, RPA1, PRKDC, PGK1, PFKL, PDHA1, PA2G4, MYH4, MYH2, HK1, HADHB, HADHA Protein Size: 218
Molecular Weight:	24 kDa
Gene ID:	60673
NCBI Accession:	NM_021934 , NP_068753
UniProt:	Q9BSB4
Pathways:	Autophagy

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 218 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: C12orf44 Sample Type: Fetal Kidney lysates Antibody Dilution: 1.0ug/ml