

Datasheet for ABIN263157

anti-ATG16L1 antibody (Internal Region)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	ATG16L1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATG16L1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ATG16L1
Immunogen:	C-KVEKVLSKQHSSSIN
Sequence:	KVEKVLSKQH SSSIN
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_110430.5 and NP_060444.3).
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

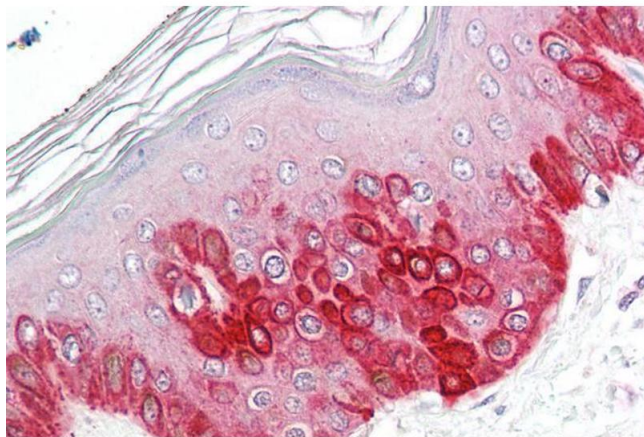
Target:	ATG16L1
Alternative Name:	ATG16L1 (ATG16L1 Products)
Background:	ATG16 , autophagy related 16-like 1 (S. cerevisiae) , hCG_1817841, APG16L, ATG16L, FLJ00045, FLJ10035, FLJ10828, FLJ22677, WDR30, APG16 autophagy 16-like, APG16L beta, ATG16 autophagy related 16-like protein 1, WD repeat domain 30
Gene ID:	55054
NCBI Accession:	NP_110430 , NP_060444
Pathways:	Autophagy

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Skin. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 65 kDa band observed in Mouse Brain lysates (calculated MW of 68.1 kDa according to Mouse NP_084122.2). Recommended concentration: 0.01-0.1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

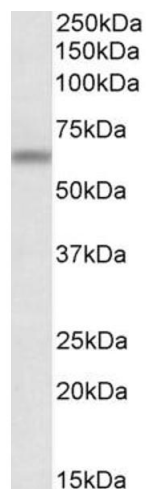
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN263157 (3.75µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN263157 (0.1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.