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Datasheet for ABIN7271122
anti-Ubiquilin 1 antibody (AA 480-540)

1 Image

Overview

Quantity:	100 µL
Target:	Ubiquilin 1 (UBQLN1)
Binding Specificity:	AA 480-540
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ubiquilin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	UBQLN1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 480-540 of human UBQLN1 (NP_038466.2).
Sequence:	LIPGFTPGLG ALGSTGGSSG TNGSNATPSE NTSPTAGTTE PGHQQFIQQM LQALAGVNPQ L
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

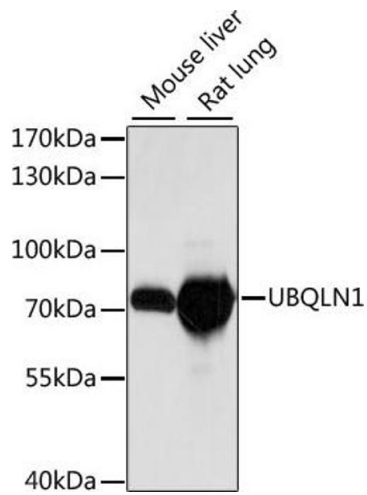
Target:	Ubiquilin 1 (UBQLN1)
Alternative Name:	UBQLN1 (UBQLN1 Products)
Background:	This gene encodes an ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain an N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and it is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene.,UBQLN1,DA41,DSK2,PLIC-1,UBQN,XDRP1,Cell Biology & Developmental Biology,Ubiquitin,UBQLN1
Molecular Weight:	18kDa/43kDa/59kDa/62kDa
Gene ID:	29979
UniProt:	Q9UMX0

Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using UBQLN1 antibody (ABIN7271122) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.