

Datasheet for ABIN2785977

anti-Ubiquilin 1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Ubiquilin 1 (UBQLN1)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ubiquilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UBQLN1
Sequence:	QFGGNPFASL VSNTSSGEGS QPSRTENRDP LPNPWAPQTS QSSSASSGTA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against UBQLN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Ubiquilin 1 (UBQLN1)
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Target Details

Alternative Name: UBQLN1 ([UBQLN1 Products](#))

Background: UBQLN1 is 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. This gene encodes an ubiquitin-like protein (ubiquilin) that shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain a 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 is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: DA41, DSK2, FLJ90054, PLIC-1, XDRP1, UBQN

Protein Interaction Partner: MLLT6, MCM7, IL6ST, IGLC1, IGL, SLC29A2, HK2, GYPB, GRM2, GPX3, GABRD, FN1, FKBP2, FCGR2A, DEFA6, CTAG1B, CSTF2, COL10A1, COL1A2, CALU, IGLV2-14, FAM127B, CSTF2T, FAM127C, TMEM31, AGR3, ITPRIPL1, TRIM32, ACOT7, PLA2G16, SMR3B, AGR2, PSMD6, NUPL1, IST1, LI

Protein Size: 589

Molecular Weight: 62 kDa

Gene ID: 29979

NCBI Accession: [NM_013438](#), [NP_038466](#)

UniProt: [Q5T6J9](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

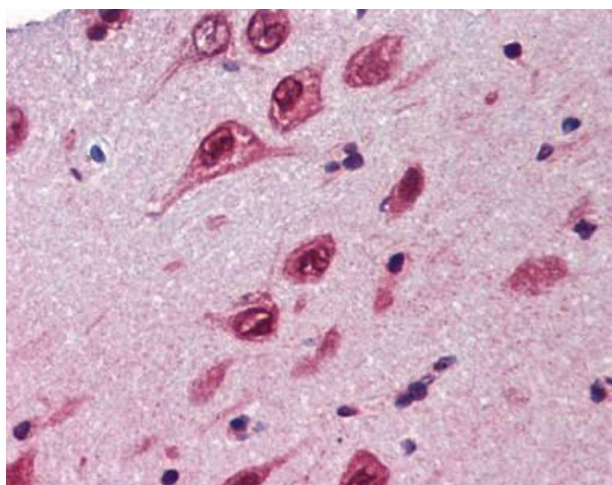
Comment: Antigen size: 589 AA

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.

Images



Immunohistochemistry

Image 1.