



Anti-UBQLN1 (full length) polyclonal antibody (DPAB-DC1527)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 <i>in vivo</i> protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and it is found in lesions associated with Alzheimers and Parkinsons disease. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	UBQLN1 (AAH39294, 1 a.a. ~ 589 a.a) full-length recombinant protein with GST tag. The sequence is MAESGESGGPPGSQDSAAGAEGAGTPAAAASAEPKIMKVTVKTPKEKEEFAVPENSSVQQ FKEEISKRFKSHTDQLVLIFAGKILKDQDTLSQHGIHDGLTVHLVIKTQNRPQDHSAQQT NTAGSNVTSSTPNNSNSTSGSATSNPFGLLGGLAGLSSLGLNTTNFSELQSQMQRQLL SNPEMMVQIMENPFVQSMSLNHDLMRQLIMANPQMQLIQRNPEISHMLNNPDIMRQTL LARNPAMMQEMMRNQDRALSNLESPGGYNALRRMYTDIQEPMLSAAQEFGGNPFASLV SNTSSGEQSQPSRTENRDPLPNPWAPQTSQSSASSGTASTVGGTTGSTASGTSGQSTTA PNLVPVGASMFNTPGMQSLQQITENPQLMQNMLSAPYMRS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol

Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	UBQLN1 ubiquilin 1 [Homo sapiens (human)]
Official Symbol	UBQLN1
Synonyms	UBQLN1; ubiquilin 1; DA41; DSK2; UBQN; XDRP1; PLIC-1; ubiquilin-1; hPLIC-1; protein linking IAP with cytoskeleton 1;
Entrez Gene ID	29979
Protein Refseq	NP_038466
UniProt ID	A0A024R284
Chromosome Location	9q22; 9q21.2-q21.3
Pathway	CXCR4-mediated signaling events; Protein processing in endoplasmic reticulum;
Function	kinase binding; protein binding; protein domain specific binding;
