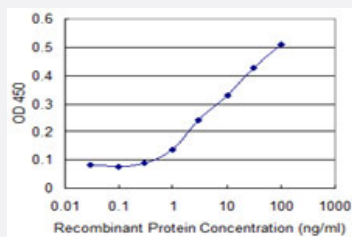


UBQLN1 monoclonal antibody (M01), clone 1C6-A3

Catalog # H00029979-M01

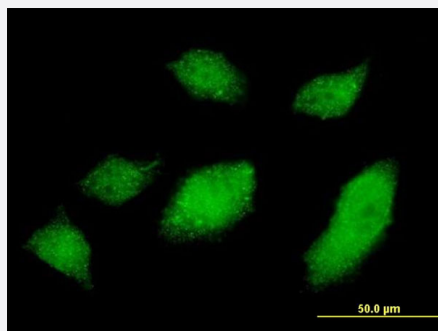
Size 100 ug

Applications



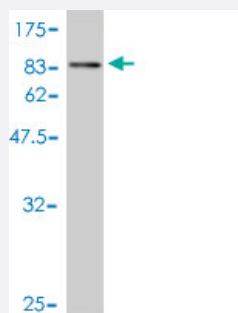
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBQLN1 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to UBQLN1 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (90.53 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant UBQLN1.

Immunogen	UBQLN1 (AAH39294, 1 a.a. ~ 589 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAESGESGGPPGSQDSAAGAEGAGTPAAAAASAEPKIMKVTVKTPKEKEEFVAVPENSSVQQFKE EISKRFKSHTDQLVLIFAGKILKDQDTLSQHGHDGLTVHLVIKTQNRPDHSAQQTNTAGSNVTTS STPNSNSTSGSATSNPFGGLGGLAGLSSLGLNTTNFSELQSQMQRQLLSNPEMMVQIMENPF VQSMLSNHDLMRQLIMANPQMQLIQRNPEISHMLNNDIMRQTLELARNPAMMQEMMRNQDRA LSNLESIPGGYNALRRMYTDIQEPMLSAAQEQFGGNPFASLVSNNTSSGEGSQPSRTENRDPLPNP WAPQTSQSSSASSGTASTVGGTTGSTASGTSGQSTTAPNLVPGVGASMFNTPGMQSLLQQITEN PQLMQNMLSAPYMRSMMSLSQNPDLAAQMMLNPLFAGNPQLQEQRQLPTFLQQMQNPDP TSLAMSNPAMQALLQIQQLQLATEAPGLIPGFTPGLGALGSTGGSSGTNGSNATPSENTSPT AGTTEPGHQFIQQLQALAGVNPQLQNPEVRFQQQLEQLSAMGFLNREANLQALATGGDINAAI ERLLGSQPS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (86)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (90.53 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBQLN1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to UBQLN1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — UBQLN1

Entrez GeneID [29979](#)

GeneBank Accession# [BC039294](#)

Protein Accession# [AAH39294](#)

Gene Name UBQLN1

Gene Alias DA41, DSK2, FLJ90054, PLIC-1, XDRP1

Gene Description ubiquilin 1

Omim ID [605046](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000021544|OTTHUMP00000021545

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Nerve Degeneration](#)

- [Osteoporosis](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)