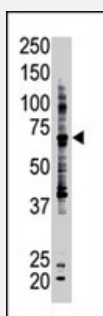


UBQLN1 polyclonal antibody

Catalog # PAB4235

Size 400 uL

Applications



Western Blot (Tissue lysate)

The UBQLN1 polyclonal antibody (Cat # PAB4235) is used in Western blot to detect UBQLN1 in mouse cerebellum tissue lysate .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of UBQLN1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human UBQLN1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

The UBQLN1 polyclonal antibody (Cat # PAB4235) is used in Western blot to detect UBQLN1 in mouse cerebellum tissue lysate .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — UBQLN1

Entrez GeneID	29979
Protein Accession#	NP_444295:Q8IXS9
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

Publication Reference

- [Overexpression of ubiquilin decreases ubiquitination and degradation of presenilin proteins.](#)

Massey LK, Mah AL, Ford DL, Miller J, Liang J, Doong H, Monteiro MJ.

Journal of Alzheimer's Disease 2004 Feb; 6(1):79.

Application: IF, WB-Tr, Human, HeLa cells

- [Interaction with a ubiquitin-like protein enhances the ubiquitination and degradation of hepatitis C virus RNA-dependent RNA polymerase.](#)

Gao L, Tu H, Shi ST, Lee KJ, Asanaka M, Hwang SB, Lai MM.

Journal of Virology 2003 Apr; 77(7):4149.

- [Identification of ubiquilin, a novel presenilin interactor that increases presenilin protein accumulation.](#)

Mah AL, Perry G, Smith MA, Monteiro MJ.

The Journal of Cell Biology 2000 Nov; 151(4):847.

Application: IF, IHC-P, IP, WB-Tr, Human, HeLa cells, Hippocampus brain tissues

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
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