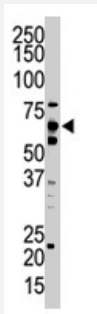


# UBQLN2 polyclonal antibody

Catalog # PAB1699

Size 400 uL

## Applications



### Western Blot (Cell lysate)

The UBQLN2 polyclonal antibody (Cat # PAB1699) is used in Western blot to detect UBQLN2 in HeLa cell lysate.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of UBQLN2.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human UBQLN2.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

The UBQLN2 polyclonal antibody (Cat # PAB1699) is used in Western blot to detect UBQLN2 in HeLa cell lysate.

## Gene Info — UBQLN2

**Entrez GeneID** [29978](#)

**Protein Accession#** [Q9UHD9](#)

**Gene Name** UBQLN2

**Gene Alias** CHAP1, CHAP1/DSK2, Dsk2, HRIHFB2157, LIC-2, N4BP4, PLIC-2, PLIC2, RIHFB2157

**Gene Description** ubiquilin 2

**Omim ID** [300264](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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 thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to bind the ATPase domain of the Hsp70-like Stch protein. [provided by RefSeq]

**Other Designations** Nedd4 binding protein 4|bA431N15.1 (ubiquilin 2)

## Publication Reference

- [Structural studies of the interaction between ubiquitin family proteins and proteasome subunit S5a.](#)

Walters KJ, Kleijnen MF, Goh AM, Wagner G, Howley PM.

Biochemistry 2002 Feb; 41(6):1767.

- [The hPLIC proteins may provide a link between the ubiquitination machinery and the proteasome.](#)

Kleijnen MF, Shih AH, Zhou P, Kumar S, Soccio RE, Kedersha NL, Gill G, Howley PM.

Molecular Cell 2000 Aug; 6(2):409.

- [Selection system for genes encoding nuclear-targeted proteins.](#)

Ueki N, Oda T, Kondo M, Yano K, Noguchi T, Muramatsu M.

Nature Biotechnology 1998 Dec; 16(13):1338.