



UBQL2 Polyclonal Antibody

Catalog No	YP-Ab-06332
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	UBQLN2 N4BP4 PLIC2 HRIHFB2157
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UBQL2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CHAP1;CHAP1/DSK2;Dsk2;DSK2 homolog;hPLIC 2;HRIHFB2157;LIC 2;N4BP4;PLIC 2;PLIC2;RIHFB2157;ubiquilin 2;Ubiquilin-2;UBQLN2;UBQL2;UBQLN2 N4BP4 PLIC2 HRIHFB2157;Ubiquilin-2 (Chap1) (DSK2 homolog) (Protein linking IAP with cytoskeleton 2) (PLIC-2) (hPLIC-2) (Ubiquitin-like product Chap1/Dsk2)
Observed Band	66-70 kDa
Calculated Molecular Weight	624 aa, 66 kDa
Cell Pathway	Cytoplasm . Nucleus . Membrane . Cytoplasmic vesicle, autophagosome . Colocalizes with a subset of proteasomes, namely those that are cytoskeleton associated or free in the cytosol. Associated with fibers in mitotic cells. .
Tissue Specificity	Amygdala,B-cell,Fetal brain,Lung,
Function	function:Increases the half-life of proteins destined to be degraded by the proteasome; may modulate proteasome-mediated protein degradation., induction:Highly expressed in mitotic cells from metaphase to telophase. Expression in non-mitotic cells is very low.,similarity:Contains 1 UBA domain., similarity:Contains 1 ubiquitin-like domain.,subcellular location:Where it colocalizes with the proteasome. Associated with fibers in mitotic cells., subunit:Binds UBE3A and BTRC. Interacts with the 19S proteasome subunit.,

**Background**

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 bind the ATPase domain of the Hsp70-like Stch protein. [provided by RefSeq, Oct 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images