

UBQL2 Polyclonal Antibody

Catalog No :	YN1462
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	UBQL2
Fields :	>>Protein processing in endoplasmic reticulum;>>Amyotrophic lateral sclerosis
Gene Name :	UBQLN2 N4BP4 PLIC2 HRIHFB2157
Protein Name :	Ubiquilin-2 (Chap1) (DSK2 homolog) (Protein linking IAP with cytoskeleton 2) (PLIC-2) (hPLIC-2) (Ubiquitin-like product Chap1/Dsk2)
Human Gene Id :	29978
Human Swiss Prot No :	Q9UHD9
Mouse Swiss Prot No :	Q9QZM0
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
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 68kD

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],

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.,

Subcellular Location : 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. .

Expression : Amygdala,B-cell,Fetal brain,Lung,

Sort : 23909

No4 : 1

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