

Product datasheet for **AP12092PU-N**

UBQLN2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western Blot: 1/1000. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 20~50 amino acids from the N-terminal region of Human Dsk2.
Specificity:	This antibody is specific to Ubiquilin-2 (UBQLN2/DSK2) (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquilin 2
Database Link:	Entrez Gene 29978 Human Q9UHD9



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Background:

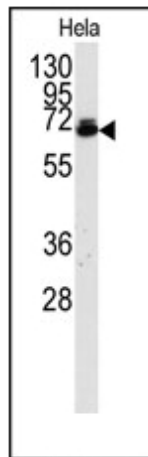
Dsk2 increases the half-life of proteins destined to be degraded by the proteasome, and may modulate proteasome-mediated protein degradation. The Dsk2 protein binds UBE3A and BTRC, and interacts with the 19S proteasome subunit. In the cytoplasm, Dsk2 colocalizes with the proteasome; it is also associated with fibers in mitotic cells in the nucleus. Dsk2 is highly expressed in mitotic cells from metaphase to telophase, while expression in non-mitotic cells is very low.

Synonyms:

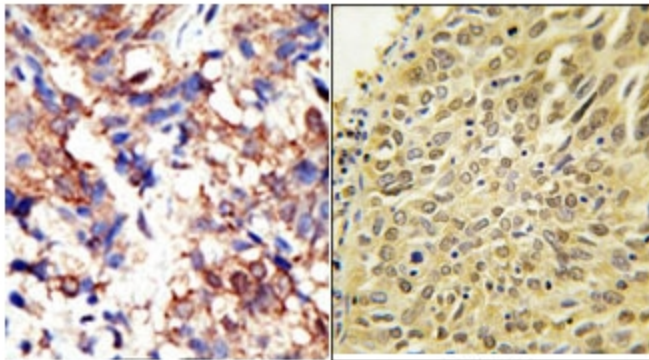
UBQLN1, UBQLN2, PLIC1, PLIC-1, DA41, PLIC2, PLIC-2, N4BP4, Chap1, DSK2 homolog, HRIHFB2157

Note:

Predicted Molecular Weight: 65696 Da

Product images:


Western blot analysis of anti-Dsk2 Pab (N-term) to detect Dsk2 in HeLa cell lysate.



(LEFT) Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. (RIGHT) Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with Dsk2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.