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UBAP2L Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19097c

Product Information

Application	WB, E
Primary Accession	Q14157
Other Accession	Q80X50, NP_001120792.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39938
Calculated MW	114535
Antigen Region	575-601

Additional Information

Gene ID	9898
Other Names	Ubiquitin-associated protein 2-like, Protein NICE-4, UBAP2L, KIAA0144, NICE4
Target/Specificity	This UBAP2L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 575-601 amino acids from the Central region of human UBAP2L.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	UBAP2L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	UBAP2L (HGNC:29877)
Synonyms	KIAA0144, NICE4
Function	Recruits the ubiquitination machinery to RNA polymerase II for

	polyubiquitination, removal and degradation, when the transcription-coupled nucleotide excision repair (TC-NER) machinery fails to resolve DNA damage (PubMed:35633597). Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT- HSCs) (By similarity). Is a regulator of stress granule assembly, required for their efficient formation (PubMed:29395067, PubMed:35977029). Required for proper brain development and neocortex lamination (By similarity).
Cellular Location	Nucleus. Chromosome. Cytoplasm Cytoplasm, Stress granule Note=Associates with nuclear chromatin.
Tissue Location	Ubiquitous..

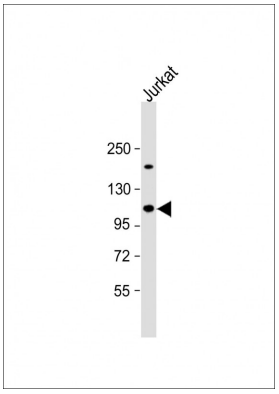
Background

UBAP2L contains 1 UBA domain and has 3 named isoforms. UBA domains are a commonly occurring sequence motif of approximately 45 amino acid residues that are found in diverse proteins involved in the ubiquitin/proteasome pathway, DNA excision-repair, and cell signalling via protein kinases. The function of this protein is not known.

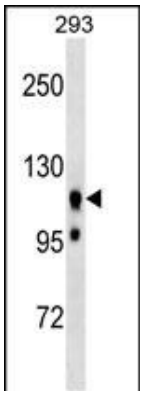
References

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Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Images



Anti-UBAP2L Antibody (Center) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 115 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



UBAP2L Antibody (Center) (Cat. #AP19097c) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the UBAP2L antibody detected the UBAP2L protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.