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UBXD2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12820

Product Information

Application	WB, IHC
Primary Accession	Q92575
Other Accession	NM_014607, NP_055422
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56778

Additional Information

Gene ID	23190
Alias Symbol	FLJ23318, KIAA0242, UBXDC1, erasin, UBXD2
Other Names	UBX domain-containing protein 4, Erasin, UBX domain-containing protein 2, UBXN4, KIAA0242, UBXD2, UBXDC1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-UBXD2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	UBXD2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

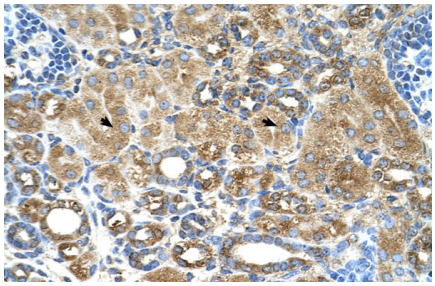
Name	UBXN4
Synonyms	KIAA0242, UBXD2, UBXDC1
Function	Involved in endoplasmic reticulum-associated protein degradation (ERAD). Acts as a platform to recruit both UBQLN1 and VCP to the ER during ERAD (PubMed:19822669).
Cellular Location	Endoplasmic reticulum membrane; Peripheral membrane protein. Nucleus envelope. Note=Both the N- and the C-terminus face the cytosol. Also found in the nucleus envelope contiguous to the ER Expressed in many tissues, including heart, brain, placenta, lung, liver, skeletal

Tissue Location	muscle, kidney and pancreas Accumulates in Alzheimer disease-afflicted brains (at protein level)

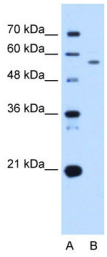
References

Ota,T.,(2004)Nat.Genet.36(1),40-45ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



Human kidney



WB Suggested Antibody Titration: 2.5 µg/ml
Positive Control: HepG1UBXN4 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells