

**UBXD2 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12820****Specification**

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**UBXD2 antibody - middle region - Product Information**

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Application       | IHC, WB                                                                         |
| Primary Accession | <a href="#">O92575</a>                                                          |
| Other Accession   | <a href="#">NM_014607</a> , <a href="#">NP_055422</a>                           |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Horse, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                                                          |
| Clonality         | Polyclonal                                                                      |
| Calculated MW     | 57kDa KDa                                                                       |

**UBXD2 antibody - middle region - 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.

**UBXD2 antibody - middle region - 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:&lt;a href="http://www.uniprot.org/citations/19822669" target="\_blank"&gt;19822669&lt;/a&gt;).

**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

#### Tissue Location

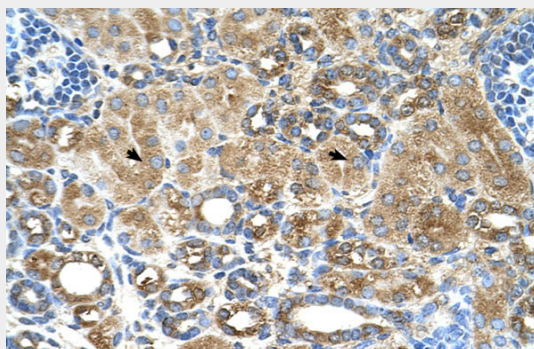
Expressed in many tissues, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas Accumulates in Alzheimer disease-afflicted brains (at protein level)

#### UBXD2 antibody - middle region - Protocols

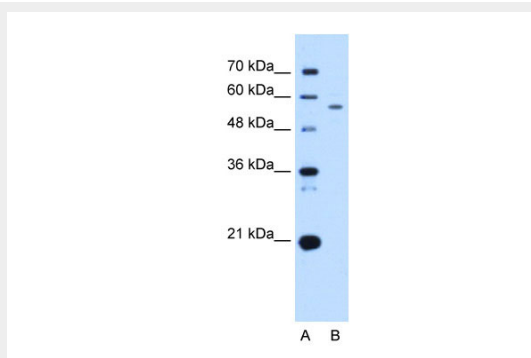
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### UBXD2 antibody - middle region - 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

#### UBXD2 antibody - middle region - References

Ota,T.,(2004)Nat.Genet.36(1),40-45ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1w

For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.