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# Ubxn6 antibody - middle region
**Rabbit Polyclonal Antibody**
**Catalog # AI14378**

## Specification

### Ubxn6 antibody - middle region - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q99PL6 |
| Other Accession | NM_024432, NP_077752 |
| Reactivity | **Human, Mouse, Rat, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog** |
| Predicted | **Human, Mouse, Chicken, Horse, Bovine, Guinea Pig, Dog** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **50kDa KDa** |

### Ubxn6 antibody - middle region - Additional Information

**Gene ID** 66530

| | |
|---|---|
| Alias Symbol | **1200008L11Rik, 2210415J11Rik, AU040909, Ubxd1, Ubxdc2** |

**Other Names**
UBX domain-containing protein 6, UBX domain-containing protein 1, Ubxn6, Ubxd1, Ubxdc2

**Format**
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**
Add 50 ul of distilled water. Final anti-Ubxn6 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**
Ubxn6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

### Ubxn6 antibody - middle region - Protein Information

**Name** Ubxn6 {ECO:0000312|MGI:MGI:1913780}

**Function**
May negatively regulate the ATPase activity of VCP, an ATP- driven segregase that associates with different cofactors to control a wide variety of cellular processes. As a cofactor of VCP, it may play a role in the transport of CAV1 to lysosomes for degradation. It may also play a role in endoplasmic reticulum-associated degradation (ERAD) of misfolded proteins. Together with VCP and other cofactors, it may play a role in macroautophagy, regulating for instance the clearance of damaged lysosomes.

**Cellular Location**
Cytoplasm {ECO:0000250|UniProtKB:Q9BZV1}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9BZV1}. Membrane {ECO:0000250|UniProtKB:Q9BZV1}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9BZV1}. Nucleus {ECO:0000250|UniProtKB:Q9BZV1} Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q9BZV1}. Early endosome membrane {ECO:0000250|UniProtKB:Q9BZV1}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9BZV1}. Late endosome membrane {ECO:0000250|UniProtKB:Q9BZV1}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9BZV1}. Lysosome membrane {ECO:0000250|UniProtKB:Q9BZV1}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9BZV1}. Note=Localizes at the centrosome both in interphase and during mitosis. May be recruited to endosomal and lysosomal membranes as part of a ternary complex with CAV1 and VCP Recruited to damaged lysosomes decorated with K48-linked ubiquitin chains. {ECO:0000250|UniProtKB:Q9BZV1}

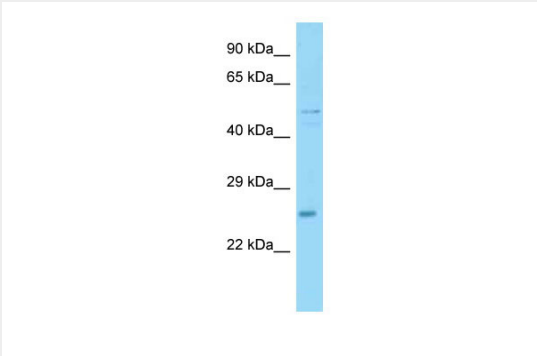
**Tissue Location**
Widely expressed (at protein level). Highest expression in brain (at protein level).

## Ubxn6 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 Cytomety
- Cell Culture

## Ubxn6 antibody - middle region - Images




WB Suggested Anti-Ubxn6 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

## Ubxn6 antibody - middle region - References

Carim-Todd L.,et al.Biochim. Biophys. Acta 1517:298-301(2001).
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Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Madsen L.,et al.Int. J. Biochem. Cell Biol. 40:2927-2942(2008).

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