

UBE1L2 / UBE1L2 Antibody (aa300-350)
Rabbit Polyclonal Antibody
Catalog # ALS11945**Specification**

UBE1L2 / UBE1L2 Antibody (aa300-350) - Product Information

Application	IHC
Primary Accession	A0AVT1
Reactivity	Human, Mouse, Rat, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	118kDa KDa

UBE1L2 / UBE1L2 Antibody (aa300-350) - Additional Information**Gene ID** 55236**Other Names**

Ubiquitin-like modifier-activating enzyme 6, Ubiquitin-activating enzyme 6, Monocyte protein 4, MOP-4, Ubiquitin-activating enzyme E1-like protein 2, E1-L2, UBA6, MOP4, UBE1L2

Target/Specificity

A portion of amino acids 300-350 of human UBE1L2/MOP-4

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

UBE1L2 / UBE1L2 Antibody (aa300-350) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE1L2 / UBE1L2 Antibody (aa300-350) - Protein Information**Name** UBA6**Synonyms** MOP4, UBE1L2**Function**

Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1 thioester and free AMP. Specific for ubiquitin, does not activate ubiquitin-like peptides. Differs from UBE1 in its specificity for substrate E2 charging. Does not charge cell cycle E2s, such as CDC34. Essential for embryonic development. Required for UBD/FAT10 conjugation. Isoform 2 may play a key role in ubiquitin system and may influence spermatogenesis and male fertility.

Tissue Location

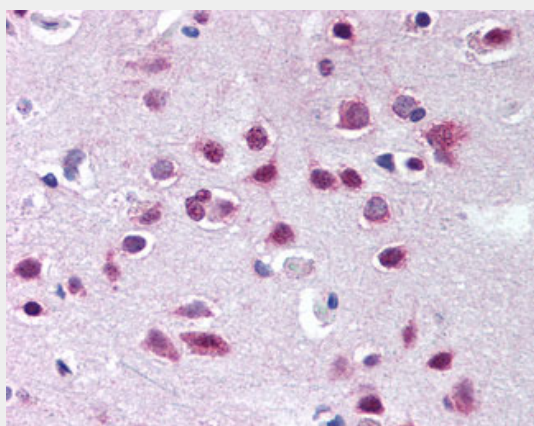
Widely expressed. Isoform 2 is predominantly expressed in testis with higher expression in adult testis than in fetal testis.

UBE1L2 / UBE1L2 Antibody (aa300-350) - 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](#)

UBE1L2 / UBE1L2 Antibody (aa300-350) - Images



Anti-UBA6 antibody IHC of human brain, cortex.

UBE1L2 / UBE1L2 Antibody (aa300-350) - Background

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UBE1L2 / UBE1L2 Antibody (aa300-350) - References

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Jin J.,et al.Nature 447:1135-1138(2007).
Takayama K.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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