

UFD2A / UBE4B Antibody (aa869-1179)
Rabbit Polyclonal Antibody
Catalog # ALS16888**Specification****UFD2A / UBE4B Antibody (aa869-1179) - Product Information**

Application	WB, IHC-P, ICC
Primary Accession	O95155
Other Accession	10277
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	146185
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A

UFD2A / UBE4B Antibody (aa869-1179) - Additional Information**Gene ID** 10277**Other Names**

UBE4B, KIAA0684, HDNB1, Homologous to yeast UFD2, UFD2, UFD2A, Ubiquitination factor E4B, UBOX3, E4

Target/Specificity

Human UFD2A / UBE4B

Reconstitution & Storage

0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

UFD2A / UBE4B Antibody (aa869-1179) is for research use only and not for use in diagnostic or therapeutic procedures.

UFD2A / UBE4B Antibody (aa869-1179) - Protein Information**Name** UBE4B ([HGNC:12500](#))**Function**

Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases (By similarity). May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase (By similarity). May regulate myosin assembly in striated muscles together with STUB1 and VCP/p97 by targeting myosin chaperone UNC45B for proteasomal degradation (PubMed:17369820).

Cellular Location

Cytoplasm. Nucleus {ECO:0000250|UniProtKB:Q9ES00}

Tissue Location

Expressed in differentiated myotubes (at protein level) (PubMed:17369820). Highest expression in ovary, testis, heart and skeletal muscle (PubMed:11802788). Expression is low in colon, thymus and peripheral blood leukocytes (PubMed:11802788). Almost undetectable in lung and spleen (PubMed:11802788)

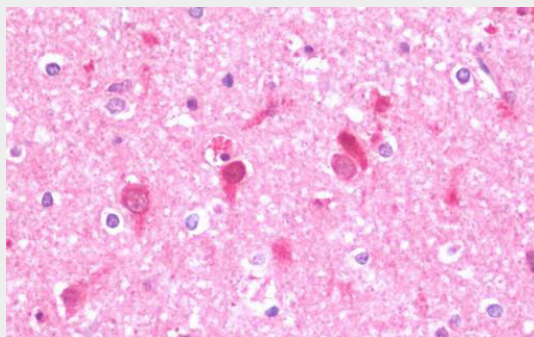
Volume

50 µl

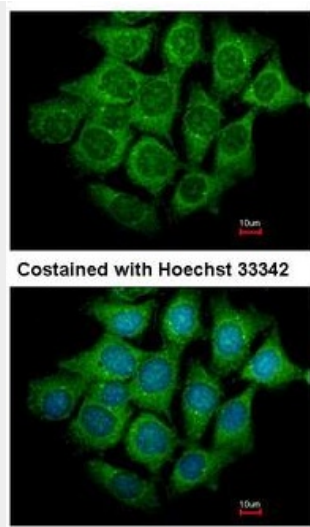
UFD2A / UBE4B Antibody (aa869-1179) - Protocols

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

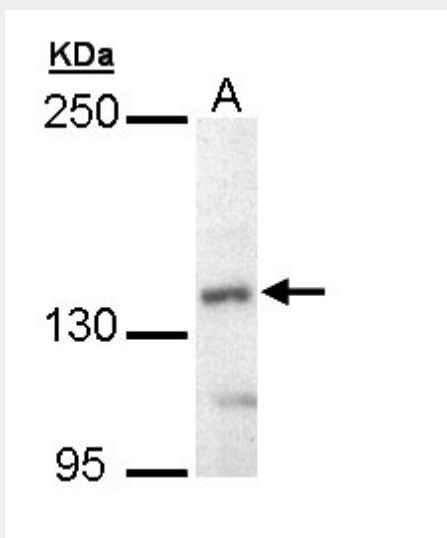
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UFD2A / UBE4B Antibody (aa869-1179) - Images

Anti-UFD2A / UBE4B antibody IHC staining of human brain, cortex.



Immunofluorescence of methanol-fixed Hep3B using UBE4B antibody at 1:500 dilution.



Sample (30 µg of whole cell lysate).

UFD2A / UBE4B Antibody (aa869-1179) - Background

Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase.

UFD2A / UBE4B Antibody (aa869-1179) - References

- Onyango P., et al. Genomics 50:187-198(1998).
- Ohira M., et al. Oncogene 19:4302-4307(2000).
- Mahoney J.A., et al. Biochem. J. 361:587-595(2002).
- Mammen A.L., et al. PLoS ONE 6:E28861-E28861(2011).
- Ishikawa K., et al. DNA Res. 5:169-176(1998).