

UBR5 Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS15069**Specification**

UBR5 Antibody (aa1-50) - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | O95071 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 309kDa KDa |

UBR5 Antibody (aa1-50) - Additional Information**Gene ID** 51366**Other Names**

E3 ubiquitin-protein ligase UBR5, 6.3.2.-, E3 ubiquitin-protein ligase, HECT domain-containing 1, Hyperplastic discs protein homolog, hHYD, Progesterin-induced protein, UBR5, EDD, EDD1, HYD, KIAA0896

Target/Specificity

EDD Antibody detects endogenous levels of total EDD protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

UBR5 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

UBR5 Antibody (aa1-50) - Protein Information**Name** UBR5**Synonyms** EDD, EDD1, HYD, KIAA0896**Function**

E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N- terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation (By similarity). Involved in maturation and/or transcriptional regulation of mRNA by activating CDK9 by polyubiquitination. May play a role in control of cell cycle progression. May have tumor suppressor function. Regulates DNA topoisomerase II binding protein (TopBP1) in the DNA damage response. Plays an essential role in extraembryonic development. Ubiquitinates acetylated PCK1. Also acts as a regulator of DNA damage response by acting as a suppressor of RNF168, an E3 ubiquitin-protein ligase that promotes accumulation of 'Lys-63'-linked histone H2A and H2AX at DNA damage sites, thereby

acting as a guard against excessive spreading of ubiquitinated chromatin at damaged chromosomes.

Cellular Location

Nucleus.

Tissue Location

Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and kidney

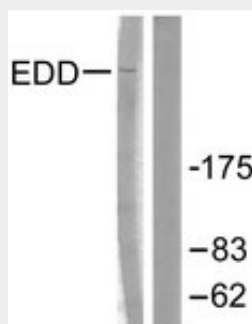
Volume

50 μ l

UBR5 Antibody (aa1-50) - 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](#)

UBR5 Antibody (aa1-50) - Images

Western blot of extracts from A549 cells, using EDD Antibody.

UBR5 Antibody (aa1-50) - Background

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UBR5 Antibody (aa1-50) - References

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