

UBR5 Rabbit pAb

CatalogNo: YT4809

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 309kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human EDD. AA range: 1-50

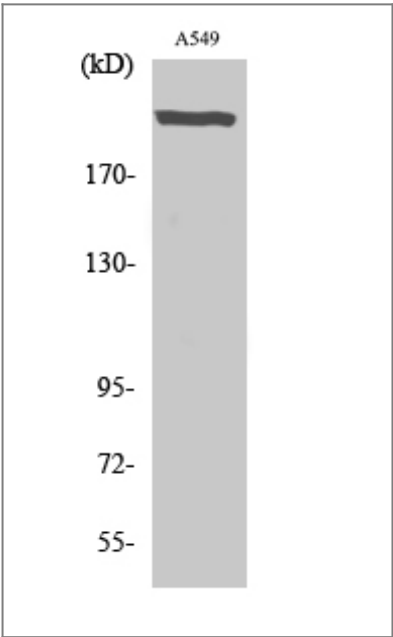
Specificity

UBR5 Polyclonal Antibody detects endogenous levels of UBR5 protein.

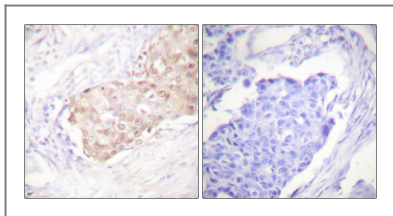
Target Information

Gene name	UBR5		
Protein Name	E3 ubiquitin-protein ligase UBR5		
	Organism	Gene ID	UniProt ID
	Human	51366;	Q95071;
	Mouse	70790;	Q80TP3;
Cellular Localization	Nucleus.		
Tissue specificity	Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and kidney.		
Function	Function:E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific amino-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation (By similarity). May be involved in maturation and/or transcriptional regulation of mRNA. 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.,miscellaneous:A cysteine residue is required for ubiquitin-thioester formation.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 1 PABC domain.,similarity:Contains 1 UBR-type zinc finger.,subunit:Binds TOPBP1.,tissue specificity:Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and kidney.,		

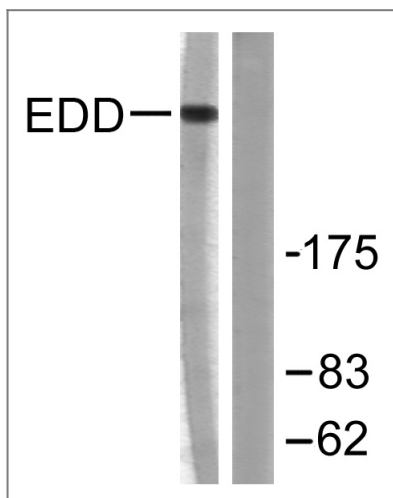
Validation Data



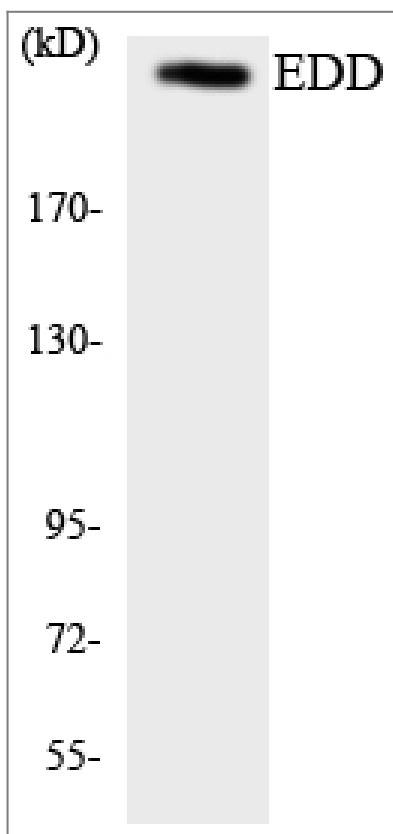
Western Blot analysis of various cells using UBR5 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using EDD Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using EDD Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using EDD antibody.

Contact information

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Please scan the QR code
to access additional
product information:
UBR5 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)