



PRODUCT DATA SHEET

Bioworld Technology, Inc.

UBR1 polyclonal antibody

Catalog: BS30940

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

E3 ubiquitin-protein ligase which is a component of the N-end rule pathway . Recognizes and binds proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation . Recognizes both type-1 and type-2 N-degrons, containing positively charged amino acids (Arg, Lys and His) and bulky and hydrophobic amino acids, respectively . Does not ubiquitinate proteins that are acetylated at the N-terminus . In contrast, it strongly binds methylated N-degrons . Binds leucine and is a negative regulator of the leucine-mTOR signaling pathway, thereby controlling cell growth

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~200 kDa

Swiss-Prot:

Q8I WV7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/100 - 1/200)

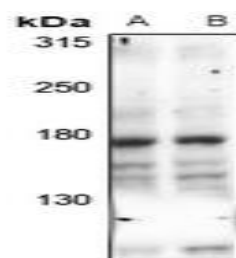
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

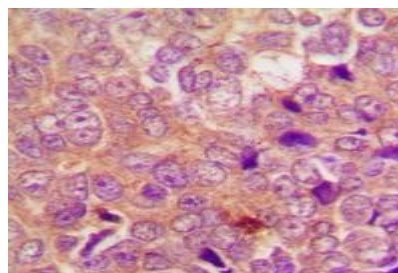
Specificity:

Recognizes endogenous levels of UBR1 protein.

DATA:



Western blot analysis of Alpha-crystallin A expression in mouse kidney (A), mouse liver (B), mouse heart (C) whole cell lysates.



Immunofluorescent analysis of Alpha-crystallin A staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

For research use only, not for use in diagnostic procedure.

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