# **Product Name: Ubiquitin Rabbit Polyclonal Antibody**

Catalog #: APRab00593



## **Summary**

**Production Name** Ubiquitin Rabbit Polyclonal Antibody

**Description** Primary antibody

**Host** Rabbit

**Application** WB,IHC-P,ELISA **Reactivity** Human,Mouse,Rat

#### **Performance**

ConjugationUnconjugatedModificationUnmodified

**Isotype** IgG

**Clonality** Polyclonal Antibody

Form Liquid

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

cycles.

**Buffer** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Purification** Affinity Purified

#### **Immunogen**

Gene Name UBB

Alternative Names FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A

**Gene ID** 7314/7316/6233/7311

**SwissProt ID** P0CG47/P0CG48/P62979/P62987

# **Application**

**Dilution Ratio** WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

Molecular Weight Refer to figures

## **Background**

Plays an important role in the ubiquitin-proteasome pathway. Ubiquitin can be covalently linked to many cellular proteins

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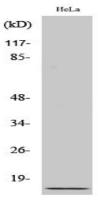


by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH2 of the target protein lysine residue.

#### **Research Area**

Neuroscience

#### **Image Data**



Western blot analysis of Ubiquitin in various lysates using Ubiquitin antibody.

#### Note

For research use only.