

订购热线: 4008-898-798

# Anti-USP14 antibody

**Cat. No.** ml224193

**Package** 25 μl/100 μl/200 μl

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-USP14 rabbit polyclonal antibody

Applications ELISA, WB

**Immunogen** Fusion protein of human USP14

ReactivityHuman, MouseContent0.7 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol USP14

Full name ubiquitin specific peptidase 14

Synonyms TGT Swissprot P54578

### **Target Background**

This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinylated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.



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## **Applications**

## Western blotting

Predicted band size:56 kDa

Positive control:A172 and Jurkat cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

Lysate: 40 µg

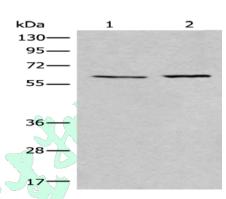
Lane 1-2: A172 and Jurkat cell lysates

Primary antibody: ml224193(USP14 Antibody) at dilution

1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



### **ELISA**

Recommended dilution:5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio\_cn@yeah.net

网址: www.mlbio.cn