

Anti-USP14(Ubiquitin-specific processing protease 14) Polyclonal Antibody

Cat. #: 60B855

Description:

USP14 (Ubiquitin-specific processing protease 14) is a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. USP14 is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated 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.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human USP14 (Ubiquitin-specific processing protease 14)

References

- DEFINITION ubiquitin specific protease 14 isoform a [Homo sapiens].
- Shinji,S., et al, *Oncol. Rep.* 15 (3), 539-543 (2006)
- Hu,M., et al, *EMBO J.* 24 (21), 3747-3756 (2005)
- Puente,X.S., et al, *Nat. Rev. Genet.* 4 (7), 544-558 (2003)
- D'Andrea,A., et al, *Crit. Rev. Biochem. Mol. Biol.* 33 (5), 337-352 (1998)
- Deshpande,K.L., et al, *Arch. Biochem. Biophys.* 326 (1), 1-7 (1996)

Clone Number:

Isotype:

Species: human, mouse, rabbit

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)