

USP14 Antibody

Catalog No: #46697

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

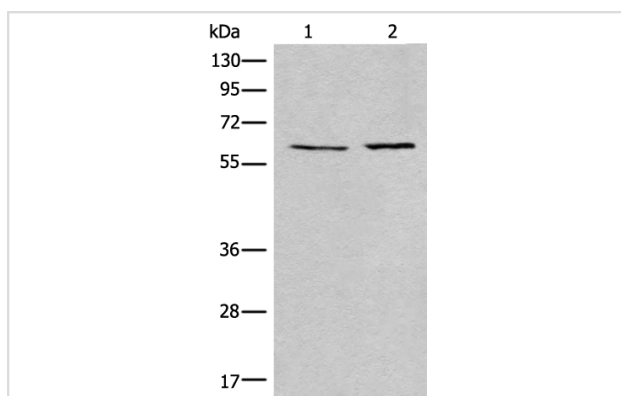
Description

Product Name	USP14 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total USP14 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human USP14
Target Name	USP14
Other Names	TGT
Accession No.	Swiss-Prot:P54578NCBI Gene ID:9097NCBI Protein:BC003556
Uniprot	P54578
GeneID	9097;
Calculated MW	56 kDa
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE

lysate: 40 µg, Lane 1-2: A172 and Jurkat cell lysates,
Primary antibody: 46697 USP14 Antibody) at dilution
1/400Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 5 seconds

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 ubiquitylated 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.

Note: This product is for in vitro research use only