

Anti-USP14 Antibody (7L489)

Product Details

Ig Type:	IgG1
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 22 kDa. Actual: 60 kDa.
Clone:	7L489
Purification:	Protein G purified

Applications

Sample:	Lane 1: K562 cell lysates Lane 2: Jurkat cell lysates Lane 3: Mouse brain tissue lysates
Verified Activity:	Lane 4: Rat brain tissue lysates Primary: Anti-USP14 (TMAB-14012) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 57 kD
Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human USP14 (His-tagged)
Antigen Species:	Human
Gene ID:	11072
Uniprot ID:	O95147

Research 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. [provided by RefSeq, Jul 2008]

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