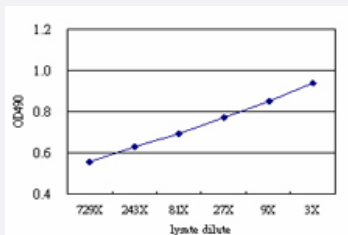


USP14 (Human) Matched Antibody Pair

Catalog # H00009097-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 243x to 3x dilution of the USP14 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human USP14.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Standard curve using USP14 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 243x to 3x dilution of the USP14 293T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-USP14 (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-USP14 (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — USP14

Entrez GeneID [9097](#)

Gene Name USP14

Gene Alias TGT

Gene Description ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)

Omim ID [607274](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations deubiquitinating enzyme 14|tRNA-guanine transglycosylase, 60-kD subunit|ubiquitin carboxyl-terminal hydrolase 14|ubiquitin specific protease 14|ubiquitin specific protease 14 (tRNA-guanine transglycosylase)|ubiquitin thiolesterase 14|ubiquitin-specific pr