

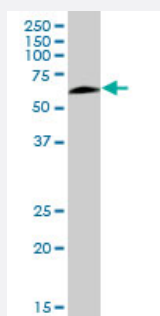
MaxPab®

USP14 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009097-B01P

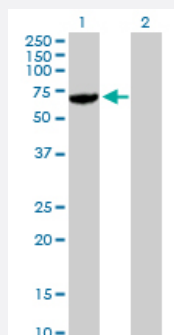
Size 50 ug

Applications



Western Blot (Tissue lysate)

USP14 MaxPab polyclonal antibody. Western Blot analysis of USP14 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of USP14 expression in transfected 293T cell line ([H00009097-T01](#)) by USP14 MaxPab polyclonal antibody.

Lane 1: USP14 transfected lysate(54.34 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human USP14 protein.

Immunogen

USP14 (NP_005142.1, 1 a.a. ~ 494 a.a) full-length human protein.

Sequence

MPLYSVTVKWGKEKFEGVELNTDEPPMVFKALFALTGVQPARQKVMVKGGLTKDDDWGNIKIK
NGMTLLMMGSADALPEEPSAKTVFVEDMTEEQLASAMELPCGLTNLGNTCYMNATVQCIRSVPE
LKDALKRYAGALRASGEMASAQYTAALRDLFDSMDKTSSSIPPIILLQFLHMAFPQFAEKGEQGG
YLQQDANECWIQMMRVLQQKLEAIEDDSVKETDSSSASAAATPSKKKSLIDQFFGVEFETTMKCTE
SEEEVTKGKENQLQLSCFINQEVKYLFTGLKRLRQEEITKQSPTLQRNALYKSSKISRLPAYLTIQ
MVRFFYKEKESVNAKVLKDVKFPLMLDMYELCTPELQEKMVFSFRSKFKDLEDKKVNQQPNTSD
KKSSPQKEVKYEPFSFADDIGSNNGYYDLQAVLTHQGRSSSSGHVSWVKRKQDEWIKFDDD
KVSIVTPEDILRLSGGGDWHIAYVLLYGPRRVEIMEESEQ

Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — USP14

Entrez GeneID	9097
GeneBank Accession#	NM_005151.3
Protein Accession#	NP_005142.1
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