

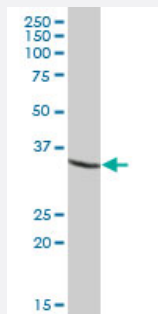
MaxPab®

USP46 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00064854-B01P

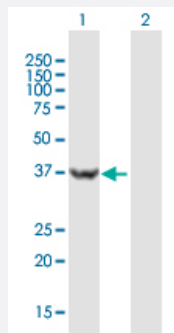
Size 50 ug

Applications



Western Blot (Tissue lysate)

USP46 MaxPab polyclonal antibody. Western Blot analysis of USP46 expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of USP46 expression in transfected 293T cell line ([H00064854-T01](#)) by USP46 MaxPab polyclonal antibody.

Lane 1: USP46 transfected lysate(40.26 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human USP46 protein.

Immunogen

USP46 (NP_073743.2, 1 a.a. ~ 366 a.a) full-length human protein.

Sequence

MTVRNIASICNMGTNASALEKDIGPEQFPINEHYFGLVNFNGNTCYCNSVLQALYFCRPFRENVLAYK
AQQKKKENLLTCLADLFHSIATQKKKVGVIIPPKKFISRLRKENDLFDNYMQQDAHEFLNYLLNTIADI
LQEEKKQEKQNGKLKNGNMNEPAENNKPELTWWHEIFQGTLTNETRCLNCETVSSKDEDFLDLS
VDVEQNTSITHCLRDFSNTETLCSEQKYCETCCSKQEAQKRMVKKLPMLALHLKRFKYMEQL
HRYTKLSYRVVFPLELRLFNTSSDAVNLDRLMYDLVAVVVHCGSGPNRGHYITVKSHGFWLLFFDD
DIVEKIDAQAIEEFYGLTSDISKNSESGYILFYQSRE

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
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 — USP46

Entrez GeneID	64854
GeneBank Accession#	NM_022832.2
Protein Accession#	NP_073743.2
Gene Name	USP46
Gene Alias	FLJ11850, FLJ12552, FLJ14283, FLJ39393
Gene Description	ubiquitin specific peptidase 46
Gene Ontology	Hyperlink

Gene Summary

Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP46 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM]

Other Designations

ubiquitin specific protease 46

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)