

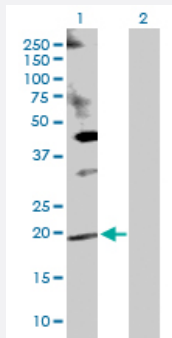
MaxPab®

DUSP14 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00011072-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DUSP14 expression in transfected 293T cell line ([H00011072-T02](#)) by DUSP14 MaxPab polyclonal antibody.

Lane 1: DUSP14 transfected lysate(22.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DUSP14 protein.
Immunogen	DUSP14 (NP_008957.1, 1 a.a. ~ 198 a.a) full-length human protein.
Sequence	MSSRGHSTLPRTLMAPRMISEGDIGGIAQITSSLFLGRGSVASNRHLLQARGITCIVNATIEIPNFWP QFEYVKVPLADMPHAIGLYFDTVADKIHVS SRKHGATLVHCAAGVSR SATLCIAYLMKFHNVCLL EAYNWVKARRPVIRPNVGFWRQLIDYERQLFGKSTVKMVQTPYGMVDPVYEKESRHLMPYWGI
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of DUSP14 expression in transfected 293T cell line ([H00011072-T02](#)) by DUSP14 MaxPab polyclonal antibody.

Lane 1: DUSP14 transfected lysate(22.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — DUSP14

Entrez GeneID [11072](#)

GeneBank Accession# [NM_007026.1](#)

Protein Accession# [NP_008957.1](#)

Gene Name DUSP14

Gene Alias MKP-L, MKP6

Gene Description dual specificity phosphatase 14

Omim ID [606618](#)

Gene Ontology [Hyperlink](#)

Gene Summary In addition to antigen recognition by the T-cell receptor, T-cell activation requires a second signal from a costimulatory receptor, such as CD28 (MIM 186760), which interacts with B7-1 (CD80; MIM 112203) and B7-2 (CD86; MIM 601020) ligands on antigen-presenting cells. CD28 costimulation induces transcription of interleukin-2 (IL2; MIM 147680) and stabilizes newly synthesized IL2 through the activation of mitogen-activated protein kinases (MAPKs), such as ERK (e.g., MAP2K4; MIM 601335) and JNK (see MIM 601158), and the subsequent creation of AP1 transcription factor (see MIM 165160). DUSP14 is a negative regulator of CD28 signaling.[supplied by OMIM]

Other Designations MKP-1 like protein tyrosine phosphatase|OTTHUMP00000164064|OTTHUMP00000164065

Pathway

- [MAPK signaling pathway](#)