

DNAxPAb

Hard-to-Find
Antibody

DUSP14 DNAxPAb

Catalog # H00011072-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DUSP14 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSRGHSTLPRTLAPRMISEGDIGGIAQITSSLFLGRGSVASNRHLLQARGITCIVNATIEIPNFNWP QFEYVKVPLADMPHAPIGLYFDTVADKIHSVSRKHGATLVHCAAGVSRSATLCIAYLMKFHNVCLL EAYNWVKARRPVIRPNVGFWRQLIDYERQLFGKSTVKMVQTPYGVNPDVYEKESRHLMPYWGI
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DUSP14

Entrez GeneID [11072](#)

GeneBank Accession# [BC000370](#)

Protein Accession# [AAH00370](#)

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](#)