

DNAxPAb

Hard-to-Find  
Antibody

# DUSP9 DNAxPab

Catalog # H00001852-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DUSP9 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MEGLGRSCLWLRRELSPPRPRLLLDCRSRELYESARIGGALSVALPALLRRLRRGSLSVRALL PGPPLQPPPPAPVLLYDQGGGRRRRGEAEAEAEWEAESVLGTLQKLREEGYLAYYLQGGFS RFQAECPHLCETSLAGRAGSSMAPLPGPVVVLGSLCLGSDCSDAESEADRDSMSCGLDSE GATPPPVGRLASFVPVQILPNLYLGSARDSANLESLAKLGIRYILNVTPNLPNFFEKNGDFHYKQIPIS DHWSQNLRSRFFPEAIEFIDEALSQNRGVLVHCLAGVSRSVTVTVAYLMQKLHLSLNDAYDLVKRK KSNISPNFNFMGQLLDFERSLRLEERHSQEQSGGQASAASNPPSFFTTPTSDGAFELAPT
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 — DUSP9

Entrez GeneID	<a href="#">1852</a>
GeneBank Accession#	<a href="#">BC060837.1</a>
Protein Accession#	<a href="#">AAH60837.1</a>
Gene Name	DUSP9
Gene Alias	MKP-4, MKP4
Gene Description	dual specificity phosphatase 9
Omim ID	<a href="#">300134</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product shows selectivity for members of the ERK family of MAP kinases, is expressed only in placenta, kidney, and fetal liver, and is localized to the cytoplasm and nucleus. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000025951 OTTHUMP00000025953 map kinase phosphatase 4 serine/threonine specific protein phosphatase

## Pathway

- [MAPK signaling pathway](#)

## Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)