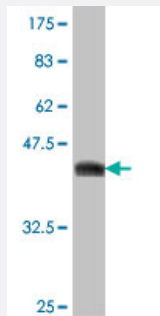


DUSP9 polyclonal antibody (A01)

Catalog # H00001852-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.66 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant DUSP9.
Immunogen	DUSP9 (NP_001386, 174 a.a. ~ 278 a.a) partial recombinant protein with GST tag.
Sequence	AESEADRDSMSCGLDSEGATPPPVGRLRASFPVQILPNLYLGSARDSANLESLAKLGIRYILNVTPN LPNFFEKNGDFHYKQIPISDHWSQNLSRFFPEAIEFIDE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.66 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DUSP9

Entrez GeneID [1852](#)

GeneBank Accession# [NM_001395](#)

Protein Accession# [NP_001386](#)

Gene Name DUSP9

Gene Alias MKP-4, MKP4

Gene Description dual specificity phosphatase 9

Omim ID [300134](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations OTTHUMP00000025951|OTTHUMP00000025953|map kinase phosphatase 4|serine/threonine specific protein phosphatase

Pathway

- [MAPK signaling pathway](#)

Disease

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