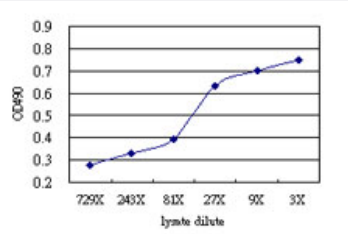
DUSP9 (Human) Matched Antibody Pair

Catalog # H00001852-AP51 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 243x to 3x dilution of the DUSP9 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human DUSP9.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71%); Rat (76%)
Quality Control Testing	Standard curve using DUSP9 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 243x to 3x dilution of the DUSP9 2 93T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-DUSP9 (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-DUSP9 (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

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- ELISA Pair (Transfected lysate)

  Protocol Download

Gene Info — DUSP9

Entrez GeneID	1852
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

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