

DUSP6

Reactivity: Human

Tested applications: WB IF

Recommended Dilution: WB 1:500 - 1:1000 IF 1:20 - 1:50

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human DUSP6

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

HH19; MKP3; PYST1;

Catalog #: A0637

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1848

Isotype: IgG

Swiss Prot: Q16828

Purity: Affinity purification

For research use only.

Background:

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 are 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 inactivates ERK2, is expressed in a variety of tissues with the highest levels in heart and pancreas, and unlike most other members of this family, is localized in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene.

To place an order, please [Click HERE](#).