

DUSP6 rabbit pAb

Cat No.: ES20772

For research use only

Overview

Product Name DUSP6 rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human;Rat;Mouse Recommended dilutions WB 1:1000-3000

Immunogen Synthetic Peptide of DUSP6

Specificity DUSP6 Rabbit Polyclonal detects endogenous levels

of DUSP6

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Dual specificity protein phosphatase 6 (EC 3.1.3.16)

(EC 3.1.3.48) (Dual specificity protein phosphatase

PYST1) (Mitogen-activated protein kinase phosphatase 3) (MAP kinase phosphatase 3)

(MKP-3)

Gene Name DUSP6 **Cellular localization** Cytoplasm .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 42,44kD
Human Gene ID 1848
Human Swiss-Prot Number Q16828

Alternative Names DUSP6; MKP3; PYST1; Dual specificity protein

phosphatase 6; Dual specificity protein phosphatase

PYST1; Mitogen-activated protein kinase

phosphatase 3; MAP kinase phosphatase 3; MKP-3
The protein encoded by this gene is a member of

the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases



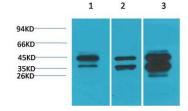
Background

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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. Mutations in t

Western blot analysis of 1) HepG2, 2)3T3, 3) Rat Heart Tissue with DUSP6 Rabbit pAb diluted at 1:3,000.



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