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Product datasheet for TA367040S

DUSP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse thymus tissue, Mouse liver tissue lysates
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DUSP2
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	34 kDa
Gene Name:	dual specificity phosphatase 2
Database Link:	Entrez Gene 1844 Human Q05923
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 ERK1 and ERK2, is predominantly expressed in hematopoietic tissues, and is localized in the nucleus.
Synonyms:	PAC-1; PAC1

View online »

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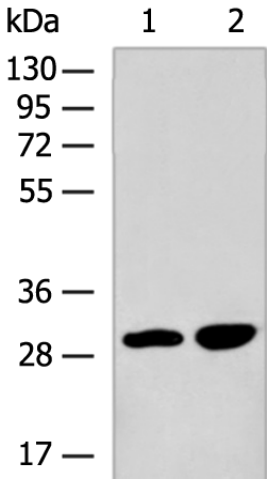
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse thymus tissue
Mouse liver tissue lysates
Primary antibody: [TA367040] (DUSP2 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 20 seconds

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