

## Product datasheet for TA360895

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## **DUSP2 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

WB **Applications:** 

**Reactivity:** Human

Host: Rabbit

**Clonality:** Polyclonal

The immunogen is a synthetic peptide directed towards the C terminal region of human Immunogen:

DUSP2

**Specificity: Expected reactivity**: Human

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% Formulation:

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Affinity purified **Purification:** 

Unconjugated Conjugation:

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

**Predicted Protein Size:** 35 kDa

dual specificity phosphatase 2 Gene Name:

Database Link: NP\_004409.1

Entrez Gene 1844 Human

Q05923





**Background:** 

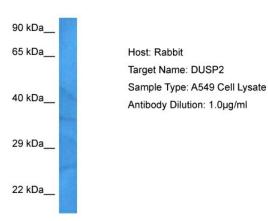
The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (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

**Protein Families:** Druggable Genome, Phosphatase

**Protein Pathways:** MAPK signaling pathway

## **Product images:**



Host: Rabbit

Target Name: DUSP2

Sample Tissue: Human A549 Whole Cell

lysates

Antibody Dilution: lug/ml