

## **DUS14 Polyclonal Antibody**

Catalog No: YN0086

**Reactivity:** Human; Mouse

**Applications:** WB;ELISA

Target: DUS14

Gene Name: DUSP14 MKP6

Protein Name: Dual specificity protein phosphatase 14 (EC 3.1.3.16) (EC 3.1.3.48) (MKP-1-like

protein tyrosine phosphatase) (MKP-L) (Mitogen-activated protein kinase

phosphatase 6) (MAP kinase phosphatase 6) (MKP-6

Human Gene Id: 11072

**Human Swiss Prot** 095147

No:

Mouse Swiss Prot Q9JLY7

No:

Immunogen: Synthesized peptide derived from human protein. at AA range: 120-200

**Specificity:** DUS14 Polyclonal Antibody detects endogenous levels of protein.

**Formulation :** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500-2000 ELISA 1:5000-20000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 21kD

**Cell Pathway :** MAPK\_ERK\_Growth;MAPK\_G\_Protein;

**Background:** 

dual specificity phosphatase 14(DUSP14) Homo sapiens Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP14 contains the consensus DUSP C-terminal catalytic domain but lacks the N-terminal CH2 domain found in the MKP (mitogenactivated protein kinase phosphatase) class of DUSPs (see MIM 600714) (summary by Patterson et al., 2009 [PubMed 19228121]).[supplied by OMIM, Dec 2009],

**Function:** 

catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H(2)O = a protein tyrosine + phosphate.,function:Involved in the inactivation of MAP kinases.

Dephosphorylates ERK, JNK and p38 MAP-kinases., similarity: Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity

subfamily., similarity: Contains 1 tyrosine-protein phosphatase

domain..subunit:Interacts with CD28..

**Expression:** Lung,

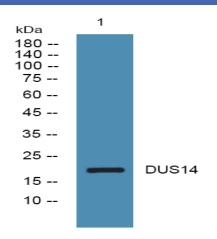
**Sort :** 18892

**No4**: 1

Host: Rabbit

Modifications: Unmodified

## Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night