



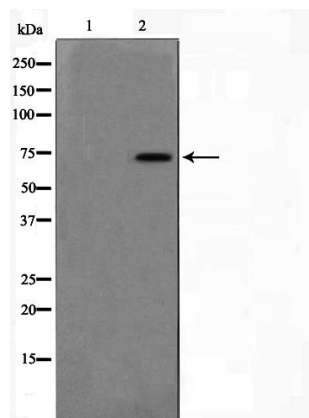
DUSP16

Antibody

#24251

Catalog Number: 24251-1, 24251-2**Amount:** 50µg/50µl, 100µg/100µl**Swiss-Prot No. :** Q9BY84**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized peptide derived from Human DUSP16**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** DUSP16 Antibody detects endogenous levels of total DUSP16**Reactivity:** Human, Mouse**Applications:**

Predicted MW: 73kd WB: 1:500-2000 IF/ICC: 1:100-500



Western blot analysis on Jurkat cell lysate using DUSP16 Antibody

Background :

The activation of mitogen-activated protein kinase (MAPK) cascades transduces various extracellular signals to the nucleus to induce gene expression, cell proliferation, differentiation, cell cycle arrest, and apoptosis. For full activation of MAPKs, dual-specificity kinases phosphorylate both threonine and tyrosine residues in MAPK TXY motifs. MKPs are dual-specificity phosphatases that dephosphorylate the TXY motif, thereby negatively regulating MAPK activity.