DUSP13-M1 Antibody (N-term)

Catalog_no： AB2591

Reactivity： H

Category： 抗原抗体

Size： 100μL/50μL

Immunogen： HUMAN:1-30

Specificity： This DUSP13-M1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DUSP13-M1.

Dilution： WB,1:1000;IHC-P,1:50~100;

Purification： Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Other_name： Dual specificity protein phosphatase 13 isoform B, DUSP13B, Dual specificity phosphatase SKRP4, Testis- and skeletal-muscle-specific DSP, DUSP13, DUSP13B, TMDP

Isotype： Rabbit Ig

Background： Dual-specificity phosphatases, a subfamily of protein-tyrosine phosphatases, play important roles in signal transduction, cell cycle progression, and tumor suppression. The cDNA encoding a novel phosphatase, PIR1, phosphatase that interacts with RNA/RNP complex 1. Sequence analysis revealed that the predicted 329-amino acid protein has homology to several dual-specificity phosphatases and contains 2 stretches of arginine-rich sequence similar to those found in some RNA-binding proteins. In vitro, recombinant protein displays protein-tyrosine phosphatase activity and binds directly to RNA.

reference： Nakamura K., Shima H., Watanabe M., Haneji T., Kikuchi K.Biochem. J. 344:819-825(1999). Deloukas et al. Nature 429:375-381(2004). Strausberg et al. Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).