DUSP8 Antibody (C-term)

Catalog_no： AB2590

Reactivity： H

Category： 抗原抗体

Size： 100μL/50μL

Immunogen： HUMAN:456-487

Specificity： This DUSP8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 456-487 amino acids from the C-terminal region of human DUSP8.

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 purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Other_name： Dual specificity protein phosphatase 8, Dual specificity protein phosphatase hVH-5, DUSP8, C11orf81, VH5

Isotype： Rabbit Ig

Background： DUSP8 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 is 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. DUSP8 inactivates SAPK/JNK and p38, is expressed predominantly in the adult brain, heart, and skeletal muscle, is localized in the cytoplasm, and is induced by nerve growth factor and insulin.

reference： Berger, I.R., et al., Cancer Genet. Cytogenet. 159(2):155-159 (2005). Hink, R.L., et al., Genomics 8(3):305-312 (2003). Nesbit, M.A., et al., Genomics 42(2):284-294 (1997). Martell, K.J., et al., J. Neurochem. 65(4):1823-1833 (1995).