

DUSP8 抗原

中文名称: DUSP8 抗原

英文名称: DUSP8 Antigen

别名: HB5, HVH8, HVH-5, C11orf81

相关类别: 抗原

储存: 冷冻 (-20℃)

概述

Synthetic peptide corresponding to a region derived from 2-14 amino acids of human dual specificity phosphatase 8

技术规格

Full name:	dual specificity phosphatase 8
Synonyms:	HB5, HVH8, HVH-5, C11orf81
Gene Accession:	NP_004411
SwissProt:	Q13202
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 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. This gene product 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. An intronless pseudogene for DUSP8 is present on chromosome 10q11.2.