

兔抗 DUSP1 多克隆抗体

中文名称：兔抗 DUSP1 多克隆抗体

英文名称：Anti-DUSP1 rabbit polyclonal antibody

别名：HVH1, MKP1, CL100, MKP-1, PTPN10

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：DUSP1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

The expression of DUSP1 gene is induced in human skin fibroblasts by oxidative/heat stress and growth factors. It specifies a protein with structural features similar to members of the non-receptor-type protein-tyrosine phosphatase family, and which has significant amino-acid sequence similarity to a Tyr/Ser-protein phosphatase encoded by the late gene H1 of vaccinia virus. The bacterially expressed and purified DUSP1 protein has intrinsic phosphatase activity, and specifically inactivates mitogen-activated protein (MAP) kinase in vitro by the concomitant dephosphorylation of both its phosphothreonine and phosphotyrosine residues. Furthermore, it suppresses the activation of MAP kinase by oncogenic ras in extracts of *Xenopus*

	oocytes. Thus, DUSP1 may play an important role in the human cellular response to environmental stress as well as in the negative regulation of cellular proliferation.
Applications:	ELISA, WB, IHC
Name of antibody:	DUSP1
Immunogen:	Synthetic peptide of humanDUSP1
Full name:	dual specificity phosphatase 1
Synonyms :	HVH1, MKP1, CL100, MKP-1, PTPN10
SwissProt:	P28562
ELISA Recommended dilution:	1000-2000
IHC positive control:	Human thyroid cancer
IHC Recommend dilution:	25-100
WB Predicted band size:	39 kDa
WB Positive control:	Mouse brain tissue
WB Recommended dilution:	200-1000



