



# SAMHD1 (phospho-Thr592) rabbit pAb

<b>Catalog No</b>	YP-Ab-13861
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	SAMHD1 MOP5
<b>Protein Name</b>	SAMHD1 (Thr592)
<b>Immunogen</b>	Synthesized phospho peptide around human SAMHD1 (Thr592)
<b>Specificity</b>	This antibody detects endogenous levels of Human Mouse Rat SAMHD1 (phospho-Thr592)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:1000-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SAM domain and HD domain-containing protein 1 (EC 3.1.4.-) (Dendritic cell-derived IFNG-induced protein) (DCIP) (Monocyte protein 5) (MOP-5)
<b>Observed Band</b>	72kD
<b>Cell Pathway</b>	Nucleus . Chromosome . Localizes to sites of DNA double-strand breaks in response to DNA damage. .
<b>Tissue Specificity</b>	Expressed in heart, skeletal muscle, spleen, liver, small intestine, placenta, lung and peripheral blood leukocytes (PubMed:11064105). No expression is seen in brain and thymus (PubMed:11064105).
<b>Function</b>	function:May play a role in mediating proinflammatory responses to TNF-alpha signaling.,induction:By interferon gamma. Up-regulated in TNF-alpha treated lung fibroblasts.,similarity:Contains 1 HD domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,tissue specificity:Expressed in heart, skeletal muscle, spleen, liver, small intestine, placenta, lung and peripheral blood leukocytes. No expression is seen in brain and thymus.,
<b>Background</b>	SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1(SAMHD1) Homo sapiens This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome. [provided by RefSeq, Mar 2010],



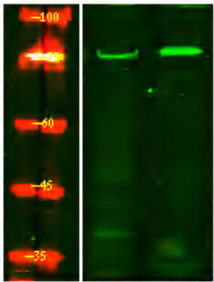
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of Hela treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000