

## SAMHD1 (Phospho Thr592) rabbit pAb

<b>Catalog No :</b>	YP1477
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	SAMHD1
<b>Fields :</b>	>>Viral life cycle - HIV-1;>>Human immunodeficiency virus 1 infection
<b>Gene Name :</b>	SAMHD1 MOP5
<b>Protein Name :</b>	SAMHD1 (Thr592)
<b>Human Gene Id :</b>	25939
<b>Human Swiss Prot No :</b>	Q9Y3Z3
<b>Mouse Gene Id :</b>	56045
<b>Mouse Swiss Prot No :</b>	Q60710
<b>Immunogen :</b>	Synthesized phosho 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>Dilution :</b>	WB 1:1000-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year (Do not lower than -25°C)

**Observed Band :** 72kD

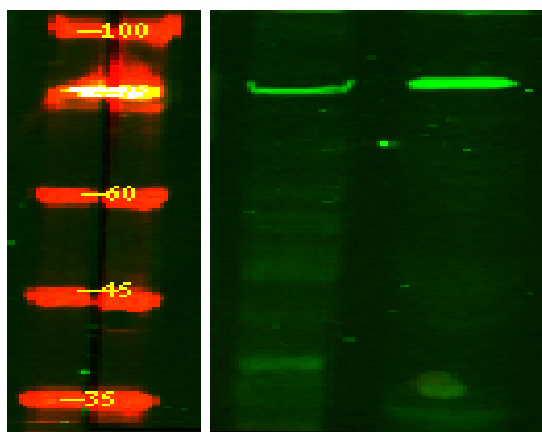
**Background :** SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1 (SAMHD1) Homo sapiens This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome. [provided by RefSeq, Mar 2010],

**Function :** 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.,

**Subcellular Location :** Nucleus . Chromosome . Localizes to sites of DNA double-strand breaks in response to DNA damage. .

**Expression :** 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).

## 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