

Product Name: SAMHD1 Rabbit Polyclonal Antibody**Catalog #: APRab17592**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Rat,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000 |
| Molecular Weight | 72kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | SAMHD1 |
| Alternative Names | SAMHD1; MOP5; SAM domain and HD domain-containing protein 1; Dendritic cell-derived IFNG-induced protein; DCIP; Monocyte protein 5; MOP-5 |
| Gene ID | 25939.0 |
| SwissProt ID | Q9Y3Z3 |
| Immunogen | The antiserum was produced against synthesized peptide derived from the Internal region of human SAMHD1. AA range:431-480 |

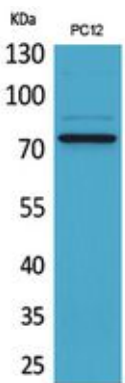
Background

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: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.,

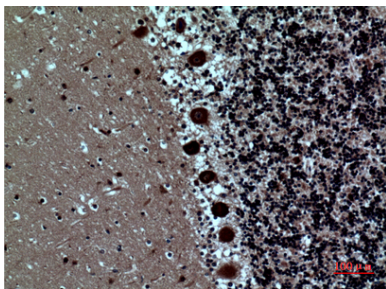
Research Area

Microbiology

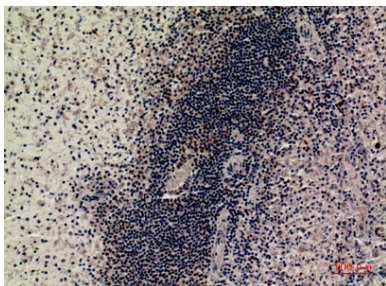
Image Data



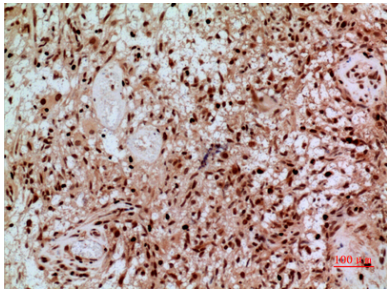
Western Blot analysis of PC12 cells using SAMHD1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .



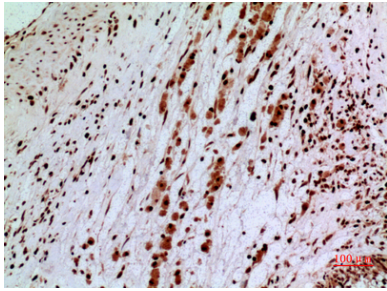
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100