

[KO Validated] SAMHD1 Rabbit pAb

Catalog No.: A7794 **KO** **Validated** **1 Publications**

Basic Information

Observed MW

72kDa

Calculated MW

72kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IP

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

25939

Swiss Prot

Q9Y3Z3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 387-626 of human SAMHD1 (NP_056289.2).

Synonyms

DCIP; CHBL2; HDDC1; MOP-5; SBBI88; hSAMHD1; D1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

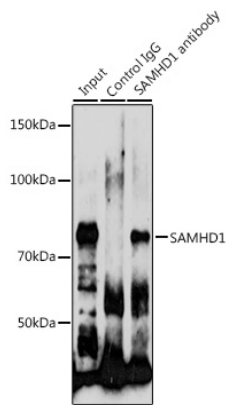
Affinity purification

Storage

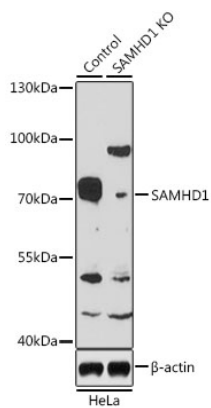
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

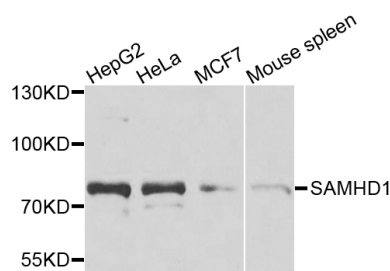
Validation Data



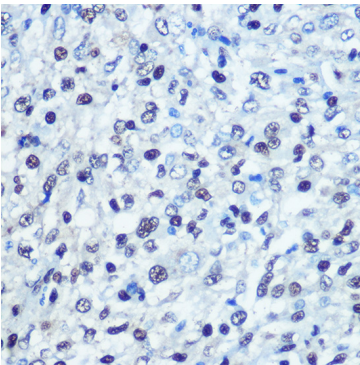
Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 3 µg SAMHD1 antibody (A7794). Western blot was performed from the immunoprecipitate using SAMHD1 antibody (A7794) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and SAMHD1 knockout (KO) HeLa cells, using [KO Validated] SAMHD1 Rabbit pAb (A7794) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



Western blot analysis of various lysates using [KO Validated] SAMHD1 Rabbit pAb (A7794) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Validation Data

Immunohistochemistry analysis of SAMHD1 in paraffin-embedded human liver cancer using [KO Validated] SAMHD1 Rabbit pAb (A7794) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.