

Anti-SAMHD1 antibody (387-626) (STJ110104)

STJ110104

GENERAL INFORMATION

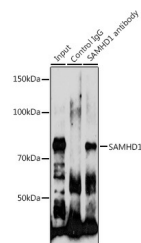
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

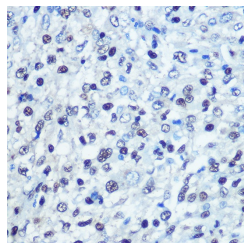
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

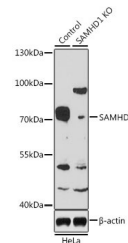
Gene ID	25939
Gene Symbol	SAMHD1
Uniprot ID	SAMH1_HUMAN
Immunogen	
Region	387-626
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 387-626 of human SAMHD1 (NP_056289.2).
Immunogen Sequence	TDAFLKADDYIEITGAGGKK YRISTAIDMEAYTKLTDNI FLEILYSTDPKLDAREILK QIEYRNLFKYVGETQPTGQI KIKREDYESLPKEVASAKPK VLLDVKLKAEDFIVDVINMD YGMQEKNPIDHVSFYCKTAP NRAIRITKNQVSQLLPEKFA EQILIRVYCKKVDKSLYAAR QYFVQWCADRNFTKPDQGDV IAPLTPQKKEWNDSTSVQN PTRLREASKSRVQLFKDDP



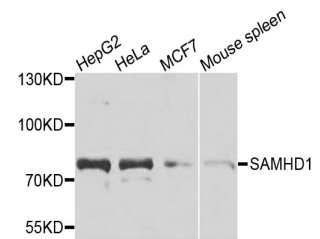
Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 3 Mu g SAMHD1 antibody (STJ110104). Western blot was performed from the immunoprecipitate using SAMHD1 antibody (STJ110104) at a dilution of 1:1000.



Immunohistochemistry analysis of SAMHD1 in paraffin-embedded human liver cancer using [KO Validated] SAMHD1 Rabbit polyclonal antibody (STJ110104) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and SAMHD1 knockout (KO) HeLa cells, using [KO Validated] SAMHD1 Rabbit polyclonal antibody (STJ110104) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Western blot analysis of various lysates using [KO Validated] SAMHD1 Rabbit polyclonal antibody (STJ110104) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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