

Rabbit SAMHD1 Polyclonal Antibody | anti-SAMHD1 antibody

SAMHD1 Antibody - middle region

CATALOG # AAA200479	HOST Rabbit	REACTIVITY Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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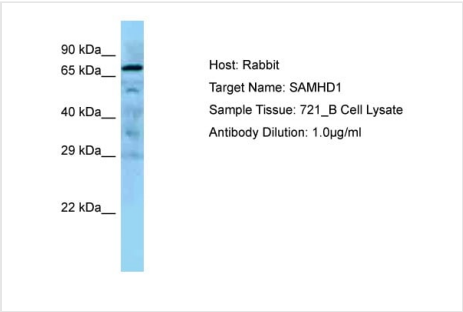
PRODUCT SYNONYMS

SAMHD1; Polyclonal Antibody; SAMHD1 Antibody - middle region; anti-SAMHD1 antibody

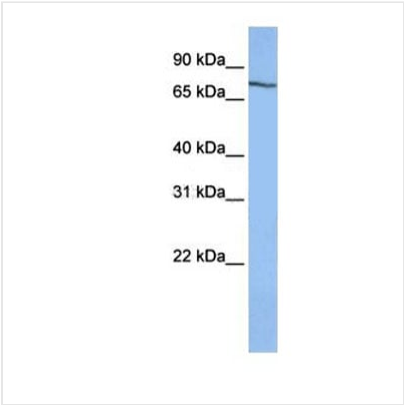
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: KG RPENKSFLYE IVSNKRNGID VDKWDYFARD CHHLGIQNNF DYKRFIKF
Sequence Length	626
Applicable Applications for anti-SAMHD1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Goat: 79%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human SAMHD1
Protein Size	626 amino acids
Protein Interactions	SUMO2; SKP2; CDK2; CDK1; CCNA2; HSF5; SUMO1; UBC; NEDD8; RNF2; TRMT1; GANAB; XPO7; FAF1; HSPH1; SEC23A; PRMT3; RANBP3; SF1; XRCC5; TUBG1; SUPT5H; RPL24; PLOD2; OSBP; NARS; JUP; MSH6; GART; XRCC6; EIF4B; ATP6V1E1; FBXO25; KPNB1; vpx; RBX1; CD81; BARD1; APP
Blocking Peptide	For anti-SAMHD1 (ARP55262_P050) antibody is
Tissue Tool	Find tissues and cell lines supported by DNA array analysis to express SAMHD1.
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-SAMHD1 Antibody Titration: 0.2-1 ug/mlPositive Control: 721_B cell lysate



WB (Western Blot)
WB Suggested Anti-SAMHD1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: HepG2 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SAMHD1 antibody	This is a rabbit polyclonal antibody against SAMHD1. It was validated on Western Blot Target Description: SAMHD1 contains 1 HD domain and 1 SAM (sterile alpha motif) domain. SAMHD1 may play a role in mediating proinflammatory responses to TNF-alpha signaling.
Product Categories/Family for anti-SAMHD1 antibody	Polyclonal; Lymphocyte Signaling; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	38016914
NCBI GeneID	25939
NCBI Accession #	NP_056289
NCBI GenBank Nucleotide #	NM_015474
UniProt Accession #	Q9Y3Z3
Molecular Weight	72kDa
NCBI Official Full Name	deoxynucleoside triphosphate triphosphohydrolase SAMHD1 isoform 1
NCBI Official Synonym Full Names	SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1
NCBI Official Symbol	SAMHD1
NCBI Official Synonym Symbols	DCIP; CHBL2; HDDC1; MOP-5; SBBI88; hSAMHD1
NCBI Protein Information	deoxynucleoside triphosphate triphosphohydrolase SAMHD1
UniProt Protein Name	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1
UniProt Gene Name	SAMHD1
UniProt Synonym Gene Names	MOP5; dNTPase; DCIP; MOP-5
UniProt Entry Name	SAMH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

