



Datasheet for ABIN525504  
**anti-SAMHD1 antibody (AA 1-626)**



[Go to Product page](#)

3 Images

1 Publication

### Overview

Quantity:	50 µg
Target:	SAMHD1
Binding Specificity:	AA 1-626
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SAMHD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human SAMHD1 protein.
Immunogen:	SAMHD1 (NP_056289.2, 1 a.a. ~ 626 a.a) full-length human protein.
Sequence:	MQRADSEQPS KRPRCDDSPR TPSNTPSAEA DWSPGLELHP DYKTWGPEQV CSFLRRGGFE EPVLLKNIRE NEITGALLPC LDES RFENLG VSSLGERKKL LSYIQLVQI HVDTMKVIND PIHGHELHP LLVRIIDTPQ FQRLRYIKQL GGGYYVFGA SHNRFESLGV GYLAGCLVH ALGEKQPELQ ISERDVLVCVQ IAGLCHDLGH GPF SHMFDGR FIPLARPEVK WT HEQGSVMM FEHLINSNGI KPVMEQYGLI PEEDICFIKE QIVGPLESPV EDSLWPYKGR PENKSFLYEI VSNKRNGIDV DKWDYFARDC HHLGIQNNFD YKRFIKFARV CEVDNELRIC ARDKEVGNLY DMFHTRNSLH RRAYQHKVGN IIDTMITDAF LKADDYIEIT GAGGKKYRIS TAIDDMEAYT KLTDNIFLEI LYSTDPKPKD AREILKQIEY RNLFKYVGET QPTGQIKIKR EDYESLPKEV ASAKPKVLLD VKLKAEDFIV DVINMDYGMQ EKNPIDHVSF YCKTAPNRAI RITKNQVSQ L LPEKFAEQLI RVYCKKVDRK SLYAARQYFV QWCADRNF TK PQDGDVIAPL ITPQKKEWND

## Product Details

---

STSVQNPTRL REASKSRVQL FKDDPM

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

---

Target: SAMHD1

Alternative Name: SAMHD1 ([SAMHD1 Products](#))

Background: Full Gene Name: SAM domain and HD domain 1  
Synonyms: DCIP,HDDC1,MOP-5,SBBI88

Gene ID: 25939

NCBI Accession: [NM\\_015474](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

---

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

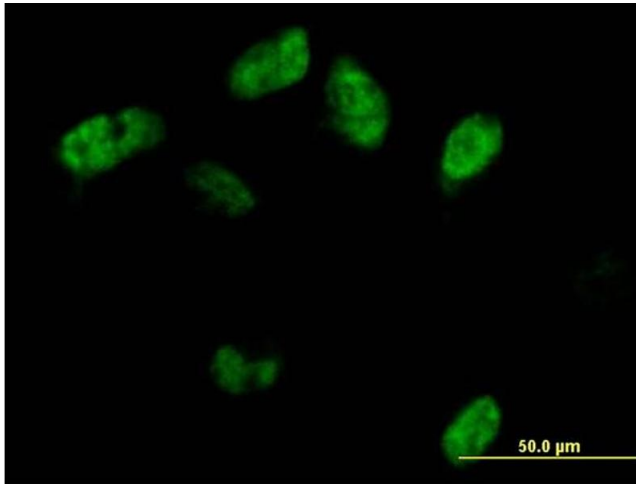
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

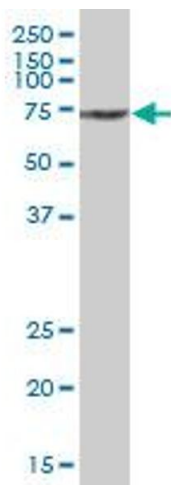
---

Product cited in: White, Brandariz-Nuez, Valle-Casuso, Amie, Nguyen, Kim, Brojatsch, Diaz-Griffero: "Contribution of SAM and HD domains to retroviral restriction mediated by human SAMHD1." in: **Virology**, Vol. 436, Issue 1, pp. 81-90, (2013) ([PubMed](#)).



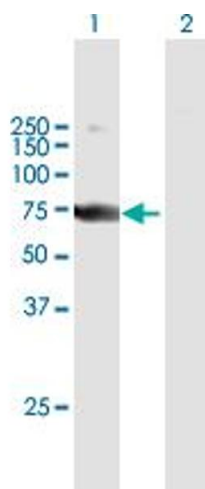
### Immunofluorescence

**Image 1.** Immunofluorescence of purified MaxPab antibody to SAMHD1 on HeLa cell. [antibody concentration 10 ug/ml]



### Western Blotting

**Image 2.** SAMHD1 MaxPab polyclonal antibody. Western Blot analysis of SAMHD1 expression in human liver.



### Western Blotting

**Image 3.** Western Blot analysis of SAMHD1 expression in transfected 293T cell line by SAMHD1 MaxPab polyclonal antibody.

Lane 1: SAMHD1 transfected lysate(68.86 KDa).

Lane 2: Non-transfected lysate.