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Datasheet for ABIN7149717
anti-SAMHD1 antibody (AA 1-314) (HRP)

Overview

Quantity:	100 µL
Target:	SAMHD1
Binding Specificity:	AA 1-314
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAMHD1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Deoxynucleoside triphosphate triphosphohydrolase SAMHD1 protein (1-314AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	SAMHD1
Alternative Name:	SAMHD1 (SAMHD1 Products)
Background:	Background: Host restriction nuclease involved in defense response to virus. Has dNTPase

Target Details

activity and reduces cellular dNTP levels to levels too low for retroviral reverse transcription to occur. Blocks early-stage virus replication in dendritic and other myeloid cells. Likewise, suppresses LINE-1 retrotransposon activity. May play a role in mediating proinflammatory responses to TNF-alpha signaling (PubMed:18546154, PubMed:19525956, PubMed:22056990, PubMed:24336198, PubMed:28229507). Has ribonuclease activity, acting on single-stranded RNA. This activity is essential for HIV-1 restriction (PubMed:25038827).

Aliases: CHBL2 antibody, DCIP antibody, Dendritic cell derived IFNG induced protein antibody, Dendritic cell-derived IFNG-induced protein antibody, Deoxynucleoside triphosphate triphosphohydrolase SAMHD1 antibody, dNTPase antibody, HD domain containing 1 antibody, HDDC1 antibody, Mg11 antibody, Monocyte protein 5 antibody, MOP 5 antibody, MOP-5 antibody, MOP5 antibody, OTTHUMP00000030889 antibody, SAM domain and HD domain 1 antibody, SAM domain and HD domain containing protein 1 antibody, SAM domain and HD domain-containing protein 1 antibody, SAMH1_HUMAN antibody, Samhd1 antibody, SBB188 antibody

UniProt: [Q9Y3Z3](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.