

KO-Validated Anti-Nudix Hydrolase 19 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI2427

Product Information

Application	WB, FC
Primary Accession	A8MXV4
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB2555
Calculated MW	42233
Gene Name	NUDT19
Aliases	Nudix Hydrolase 19; RP2; Nudix (Nucleoside Diphosphate Linked Moiety X)-Type Motif 19; Acyl-Coenzyme A Diphosphatase NUDT19; Nudix Motif 19; Nucleoside Diphosphate-Linked Moiety X Motif 19, Mitochondrial; Nucleoside Diphosphate-Linked Moiety X Motif 19; CTC-379B2.4; EC 3.6.1.-; EC 3.6.1
Immunogen	A synthesized peptide derived from human NUDT19

Additional Information

Gene ID	390916
Other Names	Acyl-coenzyme A diphosphatase NUDT19, 3.6.1.-, 3.6.1.77, Nucleoside diphosphate-linked moiety X motif 19, Nudix motif 19, NUDT19

Protein Information

Name	NUDT19
Function	Fatty acyl-coenzyme A (CoA) diphosphatase that hydrolyzes fatty acyl-CoA to yield acyl-4'-phosphopantetheine and adenosine 3',5'- bisphosphate (By similarity). Mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters and at low substrate concentrations medium and long-chain fatty- acyl-CoA esters are the primary substrates (By similarity). Highest activity seen with medium-chain acyl-CoA esters and higher rates of activity seen with the unsaturated acyl-CoA esters compared with the saturated esters (By similarity). Exhibits decapping activity towards dpCoA-capped RNAs in vitro (By similarity).
Cellular Location	Peroxisome {ECO:0000250 UniProtKB:P11930}.