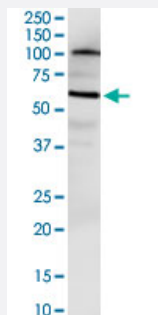


NUDT12 monoclonal antibody (M01), clone 3F7

Catalog # H00083594-M01

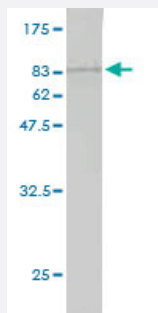
Size 100 ug

Applications



Western Blot (Cell lysate)

NUDT12 monoclonal antibody (M01), clone 3F7. Western Blot analysis of NUDT12 expression in HeLa.



Western Blot detection against Immunogen (76.56 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant NUDT12.

Immunogen

NUDT12 (AAH41099, 1 a.a. ~ 462 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Sequence

MSSVKRSLKQEMTQFHCSAAEGDIAKLTGILSHSPSLLNETSENGWTALMYAARNGHPEIVQFLL
EKGCDRSVNKSRQTALDIAVFWGYKHIANLLATAKGGKKPWFLTNEVEECENYFSKTLDRKSE
KRNNSDWLLAKESHPATVFILFSDLNPLVTLGGNKESFQQPEVRLCQLNYTDIKDYLAQPEKITLIF
LGVELEIKDKLLNYAGEVPREEEDGLVAVFALGIDPIAAEEFKQRHENCYFLHPPMPALLQLKEKE
AGVVAQARSVLAWHSRYKFCPTCGNATKIEEGGYKRLCLKEDCPSLNGVHNTSYPRVDPVVIMQ
VIHPDGTKCLLGRQKRFPFPGMFTCLAGFIEPGETIEDAVRREVEEESGVKVGHVQYVACQPWPM
PSSLMIGCLALAVSTEIKVDKNEIEDARWFTREQVLDVLTGKGQQAFFVPPSRAIAHQLIKHWIRINP
NL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Isotype	IgG3 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (76.56 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

NUDT12 monoclonal antibody (M01), clone 3F7. Western Blot analysis of NUDT12 expression in HeLa.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NUDT12

Entrez GeneID	83594
GeneBank Accession#	BC041099
Protein Accession#	AAH41099
Gene Name	NUDT12
Gene Alias	DKFZp7611172
Gene Description	nudix (nucleoside diphosphate linked moiety X)-type motif 12
Omim ID	609232

Gene Ontology

[Hyperlink](#)

Gene Summary

Nucleotides are involved in numerous biochemical reactions and pathways within the cell as substrates, cofactors, and effectors. Nudix hydrolases, such as NUDT12, regulate the concentrations of individual nucleotides and of nucleotide ratios in response to changing circumstances (Abdelrahman et al., 2003 [PubMed 12790796]).[supplied by OMIM]

Other Designations

nucleoside diphosphate linked moiety X-type motif 12|nudix -type motif 12

Pathway

- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Tobacco Use Disorder](#)