

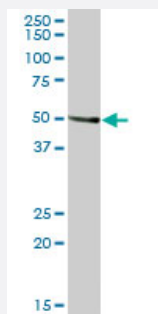
MaxPab®

NUDT12 MaxPab mouse polyclonal antibody (B01)

Catalog # H00083594-B01

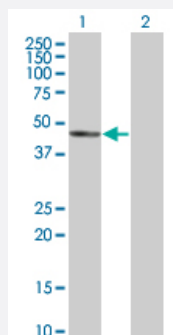
Size 50 uL

Applications



Western Blot (Tissue lysate)

NUDT12 MaxPab polyclonal antibody. Western Blot analysis of NUDT12 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of NUDT12 expression in transfected 293T cell line ([H00083594-T01](#)) by NUDT12 MaxPab polyclonal antibody.

Lane 1: NUDT12 transfected lysate(50.82 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NUDT12 protein.

Immunogen

NUDT12 (NP_113626.1, 1 a.a. ~ 462 a.a) full-length human protein.

Sequence

MSSVKRSLKQEVNTQFHCSAAEGDIKLTGILSHSPSLLNETSENGWTALMYAARNGHPEIVQFLL
EKGCDRSVKNKSRTALDIAVFWGYKHIANLLATAKGGKPPWFLTNEVEECENYFSKTLDRKSE
KRNSDWLLAKESHPTVFILFSDLNPLVTLGGNKESFQQPEVRLCQLNYTDIKDYLAQPEKITLIF
LGVELEIKDKLLNYAGEVPREEEDGLVAWFALGIDPIAAEEFKQRHENCYFLHPPMPALLQLKEKE
AGVVAQARSVLAWHSRYKFCPTCGNATKIEEGGYKRLCLKEDCPSLNGVHNTSYPRVDPVVMQ
VIHPDGTKCLLGRQKRFPPGMFTCLAGFIEPGETIEDAVRREVEEESGVKVGHVQYVACQPWPM
PSSLMIGCLALAVSTEIKVDKNEIEDARWFTREQVLDVLTGKGQQAFFVPPSRAIAHQLIKHWIRINP
NL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — NUDT12

Entrez GeneID	83594
GeneBank Accession#	NM_031438.2
Protein Accession#	NP_113626.1
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](#)