antibodies -online.com





Datasheet for ABIN4904593

anti-NUDT5 antibody





Go to Product page

()	1/0	r\ /1	014	
()	ve	I V I	-v	V

Quantity:	100 μL
Target:	NUDT5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:

	·
Isotype:	IgG
Characteristics:	This gene belongs to the Nudix (nucleoside diphosphate linked moiety X) hydrolase
	superfamily. The encoded enzyme catalyzes the hydrolysis of modified nucleoside
	diphosphates, including ADP-ribose (ADPR) and 8-oxoGua-containing 8-oxo-dADP and 8-oxo-
	dGDP. Protein-bound ADP ribose can be hazardous to the cell because it can modify some
	amino acid residues, resulting in the inhibition of ATP-activated potassium channels. 8-oxoGua
	is an oxidized form of guanine that can potentially alter genetic information by pairing with
	adenine and cytosine in RNA. Presence of 8-oxoGua in RNA results in formation of abnormal
	proteins due to translational errors.
Purification:	Affinity purification

Recombinant protein of human NUDT5.

Target Details

Target:	NUDT5
Alternative Name:	NUDT5 (NUDT5 Products)
Gene ID:	11164
UniProt:	Q9UKK9

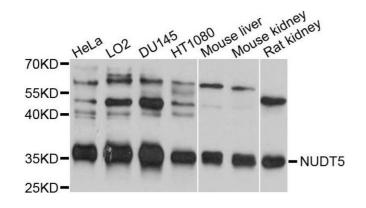
Application Details

Application Notes:	WB 1:1000-1:2000
Restrictions:	For Research Use only

Handling

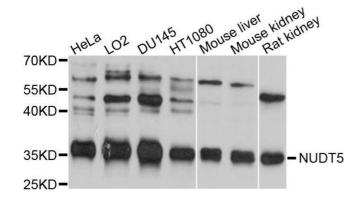
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cells, using NUDT5 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NUDT5 antibody (ABIN4904593) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.