



NUDT5 rabbit pAb

Cat No.:ES14432

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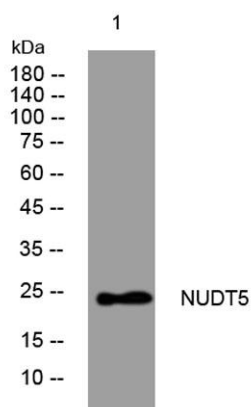
Overview

Product Name	NUDT5 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human NUDT5 AA range: 95-145
Specificity	This antibody detects endogenous levels of NUDT5 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NUDT5
Gene Name	NUDT5 HSPC115
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	11164
Human Swiss-Prot Number	Q9UKK9
Alternative Names	
Background	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. [provided by RefSeq, Aug 2013],



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night

