

DNASE2 Rabbit pAb

CatalogNo: YN7010

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 40kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human DNASE2

Specificity This antibody detects endogenous levels of DNASE2 at Human, Mouse, Rat

Target Information

Gene name DNASE2 DNASE2A DNL2

Protein Name	Deoxyribonuclease-2-alpha (Acid DNase) (Deoxyribonuclease II alpha) (DNase II alpha) (Lysosomal DNase II) (R31240_2)		
	Organism	Gene ID	UniProt ID
	Human	1777 ;	O00115 ;
	Mouse	13423 ;	P56542 ;
	Rat	171575 ;	Q9QZK8 ;
Cellular Localization	Lysosome.		
Function	Hydrolyzes DNA under acidic conditions with a preference for double-stranded DNA. Plays a major role in the degradation of nuclear DNA in cellular apoptosis during development. Necessary for proper fetal development and for definitive erythropoiesis in fetal liver, where it degrades nuclear DNA expelled from erythroid precursor cells.		

Validation Data

Contact information

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DNASE2 Rabbit pAb

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