

Rabbit anti-Human DNASE2 Polyclonal Antibody | anti-DNASE2 antibody

DNASE2 Antibody

CATALOG # AAA232460	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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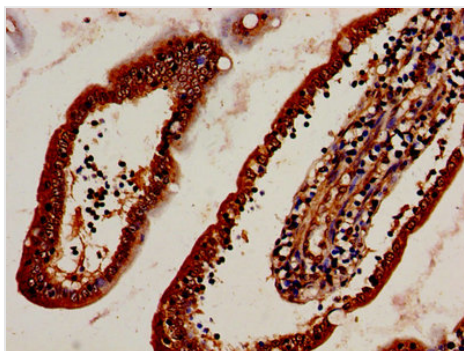
PRODUCT SYNONYMS

DNASE2; Polyclonal Antibody; DNASE2 Antibody; Deoxyribonuclease-2-alpha; Acid DNase; Deoxyribonuclease II alpha; DNase II alpha; Lysosomal DNase II; R31240_2; DNASE2A; DNL2; anti-DNASE2 antibody

PRODUCT SPECIFICATIONS

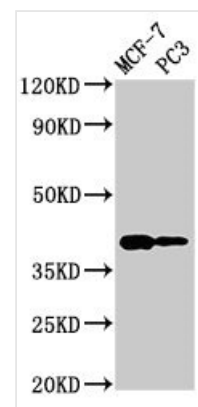
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-DNASE2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Deoxyribonuclease-2-alpha protein (19-152AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19271 / sc-19272
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA232460 diluted at 1:400 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, PC3 whole cell lysate. All lanes: DNASE2 antibody at 2.7ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 40,34 kDa. Observed band size: 40 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DNASE2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503349
NCBI GeneID	1777
NCBI Accession #	NP_001366.1
NCBI GenBank Nucleotide #	NM_001375.2
UniProt Accession #	O00115; O43910; B2RD06; B7Z4K6
NCBI Official Full Name	deoxyribonuclease-2-alpha
NCBI Official Synonym Full Names	deoxyribonuclease 2, lysosomal
NCBI Official Symbol	DNASE2
NCBI Official Synonym Symbols	DNL; DNL2; DNASE2A
NCBI Protein Information	deoxyribonuclease-2-alpha
UniProt Protein Name	Deoxyribonuclease-2-alpha
UniProt Gene Name	DNASE2
UniProt Synonym Gene Names	DNASE2A; DNL2; DNase II alpha
UniProt Entry Name	DNS2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dnase2-antibody-immunohistochemistry-western-blot-elisa/232460>