

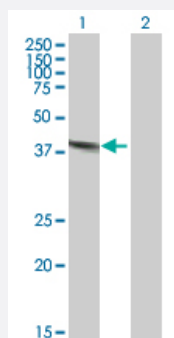
MaxPab®

DNASE2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001777-B01P

Size 50 ug

Applications

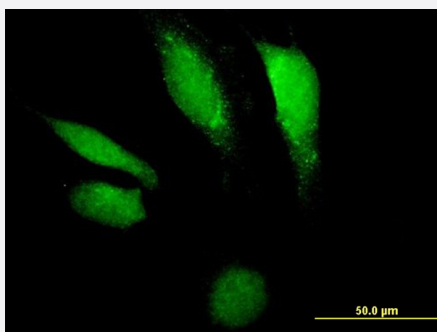


Western Blot (Transfected lysate)

Western Blot analysis of DNASE2 expression in transfected 293T cell line ([H00001777-T01](#)) by DNASE2 MaxPab polyclonal antibody.

Lane 1: DNASE2 transfected lysate (39.6 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DNASE2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DNASE2 protein.

Immunogen

DNASE2 (NP_001366.1, 1 a.a. ~ 360 a.a) full-length human protein.

Sequence

MIPLLLAALLCVPAGALTCYGDGSGQPVDWVFVYKLPALRGSGEAAQRGLQYKYLDESSGGWRD
GRALINSPEGAVGRSLQPLYRSNTSQLAFLLYNDQPPQPSKAQDSSMRGHTKGVLLLDHDGGFW
LVHSVPNFPFPASSAAYSWPHSACTYGTLLCVSFPFAQFSKMGKQLTYTYPWVYNYQLEGIFAQ
EFPDLENVVKGHVVSQEPWNSSITLTSQAGAVFQSFQSKFGDDLYSGWLAAAALGTNLQVQF
WHKTVGILPSNCSDIWQVLNVNQIAFPGPAGPSFNSTEDHSKWCVSPKGPWTCVGDMMNRNQGE
EQRGGGTLCALPALWKAFLVKNYQPCNGMARKPSRAYKI

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of DNASE2 expression in transfected 293T cell line ([H00001777-T01](#)) by DNASE2 MaxPab polyclonal antibody.

Lane 1: DNASE2 transfected lysate(39.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DNASE2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DNASE2

Entrez GeneID	1777
GeneBank Accession#	NM_001375
Protein Accession#	NP_001366.1
Gene Name	DNASE2
Gene Alias	DNASE2A, DNL, DNL2
Gene Description	deoxyribonuclease II, lysosomal
Omim ID	126350
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the DNase family. The protein, located in the lysosome, hydrolyzes DNA under acidic conditions and mediates the breakdown of DNA during erythropoiesis and apoptosis. Two codominant alleles have been characterized, DNASE2*L (low activity) and DNASE2*H (high activity), that differ at one nucleotide in the promoter region. The DNASE2*H allele is represented in this record. [provided by RefSeq]

Other Designations

DNase II alpha|DNase II, lysosomal|R31240_2|acid DNase

Pathway

- [Lysosome](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Nephritis](#)