

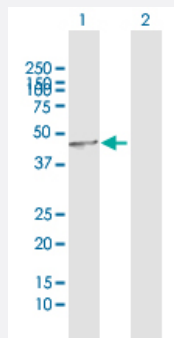
MaxPab®

DNASE2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00001777-D01

Size 100 uL

Applications

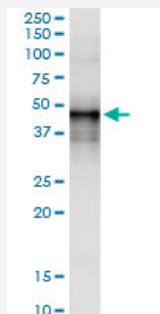


Western Blot (Transfected lysate)

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.



Immunoprecipitation

Immunoprecipitation of DNASE2 transfected lysate using anti-DNASE2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with DNASE2 purified MaxPab mouse polyclonal antibody (B01P) ([H00001777-B01P](#)).

Specification

Product Description

Rabbit 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

MIPLLLAALLCVPAGALTCYGD SGQPVDW FVVYKLPALRGSGEAAQRGLQYKYLDESSGGWRD
GRALINSPEGAVGRSLQPLYSNTSQLAFLLYNDQPPQPSKAQDSSMRGHTKGVLLLDHDGGFW
LVHSVPNFPPPASSAAYS WPHSACTYGTLLCVSFPFAQFSKMGKQLTYTYPWVYNYQLEGIFAQ
EFPDLENVVKGHVVSQEPWNSSITLSQAGAVFQSF AKFSKFGDDL YSGWLAAALGTNLQVQF
WHKTVGILPSNCS DIWQVLNVNQIAFP GPAGPSFNSTEDHSKWCVSPKGPWTCV GDMNRNQGE
EQRGGGTLC AQLPALWKA FQPLVKNYQPCNGMARKPSRAYKI

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

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](#)