

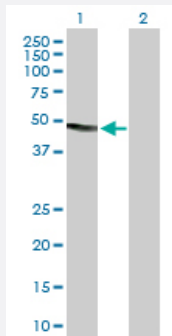
MaxPab®

DNASE2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001777-D01P

Size 100 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(39.60 KDa).

Lane 2: Non-transfected lysate.

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	MIPLLLAALLCVPAGALTCYGDGQPVDFVYKLPALRGSGEAAQRGLQYKYLDESSGGWRD GRALINSPEGAVGRSLQPLYSNTSQLAFLLYNDQPPQPSKAQDSSMRGHTKGVLLLDHDGGFW LVHSVPNFPPPASSAAYSWPHSACTYGQTLLCVSFPFAQFSKMGKQLTYTPWVYNYQLEGIFAQ EFPDLENVVKGHVVSQEPWNSSITLTSQAGAVFQSFQSKFGDDL YSGWLAAAALGTNLQVQF WHKTVGILPSNCSDIWQVLNVNQIAFPGPAGPSFNSTEDHSKWCVSPKGPWTCVGD MNRNQGE 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	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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](#)