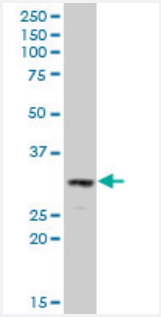
# DNASE2 polyclonal antibody (A01)

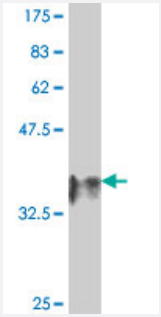
Catalog # H00001777-A01 Size 50 uL

## Applications




### Western Blot (Cell lysate)

DNASE2 polyclonal antibody (A01), Lot # 051024JC01 Western Blot analysis of DNASE2 expression in MES-SA/Dx5 ( Cat # L021V1 ).




Western Blot detection against Immunogen (37.11 KDa) .

## Specification

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|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a partial recombinant DNASE2. |
| **Immunogen** | DNASE2 (NP_001366, 261 a.a. ~ 360 a.a) partial recombinant protein with GST tag. |
| **Sequence** | GILPSNCSDIWQVLNVNQIAFPGPAGPSFNSTEDHSKWCVSPKGPWTCVGDMNRNQGEEQRGG GTLCAQLPALWKAFQPLVKNYQPCNGMARKPSRAYKI |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Interspecies Antigen Sequence** | Mouse (68); Rat (69) |

| | |
|---|---|
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.11 KDa) . |
| **Storage Buffer** | 50 % glycerol |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Cell lysate)

  DNASE2 polyclonal antibody (A01), Lot # 051024JC01 Western Blot analysis of DNASE2 expression in MES-SA/Dx5 ( Cat # L021V1 ).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

## Gene Info — DNASE2

| | |
|---|---|
| **Entrez GeneID** | 1777 |
| **GeneBank Accession#** | NM_001375 |
| **Protein Accession#** | NP_001366 |
| **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