

Rabbit polyclonal antibody to bovine DNase I

Catalogue #	400-100
Immunogen:	Bovine DNase I
Immunogen Description:	Recombinant full length bovine DNase I produced using CHO-based Icosagen Cell Factory Ltd. proprietary suspension cell line. Antigen is purified from cell culture supernatant.
Alternative Names:	DNL1
Uniprot ID:	P00639
Clonality:	Polyclonal
Class:	IgG
Reactivity:	Bovine
Application:	ELISA, WB, IF
Protocol:	Antibody working titer has to be established practically for each particular antigen and assay format.
ELISA:	0,05-0,1 µg/ml
IF:	0,2-12 µg/ml
Purification:	Bovine DNaseI-affinity purification
Buffer:	Ammonium sulphate, saturated (PBS pH 7.4)
Shipping:	Shipping in non-frozen liquid form
Storage:	Store at +4°C upon receipt. As product is (NH ₄) ₂ SO ₄ precipitate, mix well by pipetting or vortexing prior use. Do not freeze
Background:	Bovine deoxyribonuclease I (DNase I) degrades single- and double-stranded DNA. The enzyme works by cleaving DNA into 5' phosphodinucleotide and small oligonucleotide fragments.

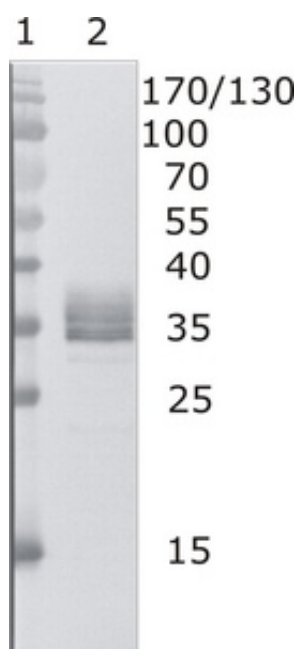


Figure 1. Western Blot testing of rabbit polyclonal antibody (400-100) to bovine DNase I. **Lane 1.** PageRuler Prestained Protein Ladder (#SM0671 Fermentas); **Lane 2.** Recombinant bovine DNase I expressed into the supernatant of CHO cell culture medium. Antibody concentration 0.1 $\mu\text{g/ml}$