

R1059PS**Polyclonal Antibody to L-asparaginase 1 - Purified**

Alternate names:	L-ASNase I, L-asparaginase I, L-asparagine amidohydrolase I, ansA
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Uniprot ID:	P00805
NCBI:	AP_003514.1
GeneID:	947454
Host:	Rabbit
Immunogen:	Asparaginase from <i>E. coli</i>
Format:	State: Lyophilized purified Ig fraction Purification: Multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer Buffer System: 0.01 M Potassium phosphate, 0.14 M Sodium chloride, pH 7.4 Preservatives: 0.01% Sodium azide Stabilizers: None Reconstitution: Restore with 0,1 ml of deionized water (or equivalent).
Applications:	Suitable for immunoblotting (Western or dot blot), ELISA, immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity. <u>Recommended Dilutions:</u> ELISA: 1/5,000-1/25,000. Western blot: 1/500-1/3,000. Immunoprecipitation: 1/100. This product has been assayed against 1.0 µg of asparaginase [<i>E. coli</i>] in a standard sandwich ELISA using peroxidase conjugated affinity purified anti-rabbit IgG [H&L] (goat) and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/3,000 to 1/12,000 of the reconstitution concentration is suggested. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects asparaginase [<i>E. coli</i>]. Cross reactivity against asparaginase from other tissues and species may occur but have not been specifically determined. Immunoelectrophoresis give a single precipitin arc against anti-rabbit serum as well as purified and partially purified asparaginase [<i>E. coli</i>].
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western blot of rabbit anti-L-asparaginase antibody Cat.-No. R1059P. Lane 1: L-asparaginase. Lane 2: none. Load: 100 ng per lane. Primary antibody: L-asparaginase antibody at 1/1,000 for overnight at 4°C. Secondary antibody: DyLight™ 649 rabbit secondary antibody at 1/20,000 for 30 min at RT. Blocking buffer for 30 min at RT. Predicted/observed size: 32 kDa for L-asparaginase. Other band(s): L-asparaginase splice variants and isoforms.

