

AP09741PU-N**Polyclonal Antibody to Lorazepam - Ig Fraction**

Quantity:	0.1 ml
Concentration:	13.36mg/ml (U.V.abs @ 280nm)
Background:	Lorazepam is a benzodiazepine (C ₁₅ H ₁₀ Cl ₂ N ₂ O ₂). It is a whitish powder, that acts as a sedative and anti anxiety agent and is used therapeutically to control seizures.
Host / Isotype:	Sheep / IgG
Immunogen:	Lorazepam (3)-BSA
Format:	State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative
Applications:	ELISA: 3.5µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Lorazepam. Cross-Reactivity: Lorazepam 100% Oxazepam 2.58% Temazepam 0.31% Alprazolam 0.31% g-hydroxyalprazolam 0.31% Nordiazepam 7.75% Nitrazepam 0.31% 7-Aminonitrazepam 0.31% Flunitrazepam 0.31% Clonazepam 11.07%
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.