

## Product datasheet for **AP09741PU-N**

### Lorazepam Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 3.5µg/ml.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Lorazepam (3)-BSA
Specificity:	This antibody reacts to Lorazepam. <b>Cross-Reactivity:</b> 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%
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

Lorazepam is a benzodiazepine (C<sub>15</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>). It is a whitish powder, that acts as a sedative and anti anxiety agent and is used therapeutically to control seizures.