

## Product datasheet for **AP09758PU-N**

### Methamphetamine (p) Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 2.5 µg/ml.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Methamphetamine (p)-BSA
Specificity:	This antibody recognizes Methamphetamine (p).
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Amphetamines are synthetic drugs, which cause powerful CNS stimulation resulting in euphoric effects similar to that of cocaine. They can also cause increased alertness, self-confidence and the ability to concentrate(1, 2). They are potent sympathomimetic agents with a range of therapeutic applications, for example they can be used to treat mild depression, obesity, narcolepsy and certain behavioural disorders in children(1, 3). Isomeric forms of amphetamine and methamphetamine exist and the D-isomer (dextroamphetamine) is four times as potent as the L-isomer(2). MDMA is one of the most common amphetamine analogues on the illicit market. It was previously used as an adjunct to psychotherapy but it was placed on the schedule of controlled substances in 1988. Despite this, it still remains very popular as a recreational drug. MDMA is metabolised to MDA, another drug known for its central stimulant properties (2, 4).



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Synonyms:                   METH