

Product datasheet for **AP54896SU-N**

Dopamine Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF
Recommended Dilution:	ELISA: 1/1000–1/10000. ICC/IF: 1/10 – 1/2000.
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	BSA–Dopamine
Specificity:	Reacts with <i>free</i> and <i>conjugated</i> Dopamine.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in distilled water to a volume of 0.2 ml.
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Background:	Dopamine (C ₆ H ₃ OH) ₂ –CH ₂ CH ₂ NH ₂) is a catecholamine neurotransmitter in the brain. Its chemical name is 4-(2-aminoethyl)benzene-1,2-diol. Dopamine is a hormone released by the hypothalamus. Its main function is to inhibit the release of prolactin from the anterior lobe of the pituitary. It can be used as a sympathomimetic drug, producing effects such as increased heart rate and blood pressure.

