

BP071**Polyclonal Antibody to S-Adenosyl-Homocysteine - Purified**

Quantity:	1 ml
Concentration:	5.0 mg/ml
Background:	S-Adenosyl Homocysteine is an intermediate in the synthesis of the amino acid cysteine. It is a competitive inhibitor of S-adenosyl-L-methionine-dependant methyl transferase reactions and therefore may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine.
Host:	Rabbit
Immunogen:	S-Adenosyl-Homocysteine conjugated to Keyhole limpet Haemocyanin
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography on protein G Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide as preservative
Applications:	Suitable for use in ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes S-Adenosyl Homocysteine, an intermediate in the synthesis of the amino acid cysteine. This antibody shows the following reactivities with related compounds: S-Adenosyl Homocysteine: 100% S-Adenosyl Methionine: 2.5% Adenosine: 0.27% Homocysteine: < 0.1% Cystathionine: < 0.1% L-Cysteine: < 0.1% Glutathione: < 0.1
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.