

Product datasheet for **AP33034PU-N**

MTBE Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	AP
Recommended Dilution:	Immunoaffinity Chromatography: Antibody can be coupled to solid support materials. The Titer of the antibody solution is 2,000, which means that the antibody should be diluted 2,000 times for 50% binding.
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	BSA-tert.Butyl Carbamide. Chicken egg yolk, purified by PEG extraction.
Specificity:	This antibody has affinity for MTBE. Target: MTBE, CAS no.: 1634-04-4, Solubility: Ethers, Alcohol, most organic solvents.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgY fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	PEG Extraction
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	MTBE, methyl-tert-butylether is used in the laboratory as a solvent. In addition it is used as an additive for gasoline, used as an oxygenate and to raise the octane number. It is found as a contaminant in ground water and as such poses a threat for the production of drinking water.
Synonyms:	Methyl-tert-butylether



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