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## AP33034PU-N Polyclonal Antibody to MTBE - Purified

Alternate names:	Methyl-tert-butylether
Quantity:	1 ml
Concentration:	5 mg/ml
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.
Host / Isotype:	Chicken / IgY
Immunogen:	BSA-tert.Butyl Carbamide. Chicken egg yolk, purified by PEG extraction.
Format:	State: Liquid purified IgY fraction Purification: PEG Extraction Buffer System: PBS, pH 7.2 Preservatives: 0.02% Sodium Azide
Applications:	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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody has affinity for MTBE. <i>Target:</i> MTBE, <i>CAS no</i> .: 1634-04-4, Solubility: Ethers, Alcohol, most organic solvents.
Storage:	Store 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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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