

P06007

## Rabbit anti LYTAG antibody (polyclonal)

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<b>Product</b>	Rabbit polyclonal antibody, directed against the LYTAG affinity purification tag.
<b>Contents</b>	100 µl, in PBS containing 40 % glycerol and 0,09 % sodium azide.
<b>Storage</b>	Store at 4°C, do not freeze

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**Background** The LYTAG is a purification tag for the immobilization and single step purification of fusion polypeptides using the dualTRAP resin, a simple and efficient chromatographic support. The method is based on the selective interaction of the choline binding domain of the *Streptococcus pneumoniae* N-acetylmuramoyl-L-alanine amidase Lyt-A (LYTAG) with choline or choline analogues (tertiary or quaternary amines).

**Application** The anti LYTAG antibody is a polyclonal antibody directed against the LYTAG purification domain and can be used to detect recombinant proteins fused N- or C-terminally to the LYTAG. The antibody is unconjugated to offer the flexibility of detection with a secondary antibody conjugated with either horseradish peroxidase or alkaline phosphatase. The antibody provides high sensitivity with low background. The anti-LYTAG antibody specifically reacts with LYTAG fusion proteins in Western blotting, immunoprecipitation and ELISA applications.

Recommended dilution for Western blotting is 1:1'000. Dilute antibody in 1x PBS pH 7.4, 0.1% Tween-20, 1% non-fat milk powder, or similar incubation buffer. We recommend incubation volumes of 10 ml and incubation times of 10-15 hours at 4°C.

**Specificity** Recognizes the LYTAG affinity tag derived from the *Streptococcus pneumoniae* N-acetylmuramoyl-L-alanine amidase Lyt-A protein.

**Support** Please see [www.dualsystems.com](http://www.dualsystems.com) for support and protocols. Please direct support inquiries to [support@dualsystems.com](mailto:support@dualsystems.com) or call +41 44 738 50 00.

**Research use** This product is intended for research use only, not for diagnostic or therapeutic uses.

**MSDS** Non-hazardous. No MSDS required. Observe good laboratory practice guidelines and wear gloves, laboratory coat and glasses when handling the product.