

Tet Repressor Polyclonal Antibody

ORDERING INFORMATION

Catalog no.: 12594

Size: 100ug

Format: Affinity-purified antibody in PBS, 1mg/ml BSA, 0.02% sodium azide.

BACKGROUND

The Tet repressor protein (TetR) regulates transcription of a family of tetracycline resistance determinants in Gram-negative bacteria. The Tet system is a widely used regulatory system for conditional gene expression in eukaryotic cells and can be used for that purpose in some organisms without further modifications. However, in mammalian cells and in other organisms, eukaryotic transcriptional activator or repressor domains are fused to TetR to turn it into an efficient regulator.

SPECIFICATION SUMMARY

Antigen: Synthetic peptide corresponding to aa 31-49 (AQKLGVEQPTLYWHVKNKR) of the Tet repressor protein.

Accession no.: P04483

Host species: Rabbit

Specificity: This antibody recognizes Tet repressor protein.

APPLICATIONS

Western blot: use at 1ug/ml, detection limit 0.8ng TetR.

ELISA: detection limit 0.2ng TetR.

Endusers should determine optimal concentrations for their applications. Not all applications have been investigated.

STORAGE AND STABILITY

Store at 2-8°C for up to 3 months or at -20°C for at least one (1) year. Store in appropriate aliquots to avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.