

## **A-2011: Rabbit Anti-TetR Antibody**

<b>Product Name:</b>	Rabbit Anti-TetR Antibody
<b>Catalogue No:</b>	A-2011
<b>Immunogen:</b>	Peptide corresponding to the 22 kDa tetracycline repressor (TetR) protein (amino acids 31-49: [AQKLGVEQPTLYWHVKNKR]).
<b>Source/Host:</b>	Rabbit
<b>Purity/Purification:</b>	Affinity Purified
<b>Clone:</b>	Polyclonal
<b>Species reactivity:</b>	
<b>Form:</b>	Liquid
<b>Concentration:</b>	1.0 mg/ml (in PBS containing 0.02% sodium azide)
<b>Size:</b>	0.1 mg
<b>Storage:</b>	Keep at -20°C for up to 1 year and at 4°C for 3 months. Avoid repeated freeze-and-thaw.
<b>Applications:</b>	ELISA, WB: Tested For Western Blot detection of TetR, recommended using anti-TetR antibodies at 1:1000 dilution.
<b>Shipping:</b>	May be shipped with ice packs or dry ice.

### **Brief description about TetR:**

Tetracycline (tc) is a broad family of antibiotics to which bacterial have evolved resistance. The expression of tc resistance genes is regulated by tetracycline repressor protein, called TetR. The tet regulatory system is widely used for selective target gene regulation in eukaryotic cells. In addition, the TetR can also be used as a tc binding receptor in assays designed to quantitatively or semi-quantitatively measure tetracycline and its related antibiotics, such as competitive ELISA or immunochromatography-based lateral flow.

(Produced by Imgen BioSciences, Inc.)