

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Anti-DREAM Antibody

### ORDERING INFORMATION

**Catalog No.:** 70149

**Size:** 100 ug IgG in 200 ul PBS, pH 7.4, purified by immunoaffinity chromatography.

### BACKGROUND

The human prodynorphin gene, which is involved in memory acquisition and pain, is regulated by its downstream regulatory element (DRE) which acts as a location-dependent gene silencer. DREAM (DRE-antagonist modulator) is a transcriptional repressor. It is the first known Ca<sup>2+</sup> binding protein that binds to DNA and regulates transcription.

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa 26-35 of human DREAM.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

### SPECIFICITY

This antibody recognizes human DREAM (31 kD).

### APPLICATIONS

*Immunoblotting:* use at 1:500-1:1,000 dilution.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

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