

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Anti-Humanin Antibody

### ORDERING INFORMATION

**Catalog No.:** 28106

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

### BACKGROUND

Humanin is a secreted 24-aa polypeptide that specifically protects against neuronal cell death induced by beta-amyloid peptide or by mutations causing early-onset familial Alzheimer's disease. It does not affect cell death caused by Q79 or superoxide dismutase-1.

### SPECIFICATION SUMMARY

**Immunogen:** Synthetic peptide corresponding to amino acids 9-24 (LLLLTSEIDLPKRRA) of human Humanin conjugated to KLH at the N-terminus.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** None. Available on request.

### SPECIFICITY

This antibody recognizes human Humanin conjugated to carrier proteins, as free polypeptide, and as a fusion protein.

### APPLICATIONS

*Immunoblotting* : use at 1:500 dilution.

Positive control: synthetic peptide or transfected cell lysate.

### 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.

### BACKGROUND REFERENCE

Hashimoto, Y. et al. (2001) Proc Natl Acad Sci USA 98:6336-41.

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