

## Product Data Sheet: CREB-1 Rabbit Polyclonal Antibody

**Cat. No:** AB-J6127

Conjugate: Unconjugated

Size: 100 ug

Clone: POLY

Concentration: 1mg/ml

Host: Rabbit

Isotype: IgG

Immunogen: The antiserum was produced against synthesized peptide derived from human

CREB. AA range:100-149.

**Reactivity:** Human; Mouse; Rat

Applications: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

Molecular Weight: 37kD

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Synonyms:** CREB1; Cyclic AMP-responsive element-binding protein 1; CREB-1; cAMP-

responsive element-binding protein 1

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by

**Background:** several protein kinases, and induces transcription of genes in response to

hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results

in several transcript variants encoding different isoforms.

Form: Liquid

**Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Storage:** Store at -20°C. Avoid repeated freeze-thaw cycles.

For Research use only IMMUNOLOGICAL SCIENCES