



CREB, phosphorylated (Ser129) (cAMP Response Element Binding Protein)

Catalog number

C7915-01C1

Supplier

United States Biological

Applications:

Suitable for use in Western Blot and Immunohistochemistry. Other applications not tested.

Recommended Dilution

Western Blot: 1:500-1:1,000

Immunohistochemistry: 1:50-1:100

Optimal dilutions to be determined by the researcher.

Storage and Stability

For long-term storage, aliquot and store at -20°C. Aliquots are stable for at least 24 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Synthetic phosphopeptide derived from human CREB around the phosphorylation site of serine 129 (I-L-SP-R-R).

Formulation

Supplied as a liquid in PBS, pH 7.2, 150mM sodium chloride, 50% glycerol, 0.02% sodium azide.

Purity

Immunoaffinity purified using epitope specific immunogen.

Specificity

Detects CREB protein only when phosphorylated at Serine 129. Cross reacts with Human, mouse and rat.

Product Type

Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

**Applications**

IHC WB

Crossreactivity

Hu

Storage

-20°C

BSA Free

Phosphorylated

Reference

1. Garat, C.V., et al., (2006), Mol. Cell. Biol., 26: 4934-4948 2. Rothem, L., et al., (2004), Mol. Pharmacol., 66: 1536-1543 3. Tyson, D.R., et al., (2002), Endocrinology, 143: 674 4. Park, K., et al., (2003), Arterioscler. Thromb. Vasc. Biol., 23: 1364