

Anti-CPEB3 Antibody

Catalog Number: A06906-1

About CPEB3

CPEB3, the cytoplasmic polyadenylation element-binding protein 3, contains a Q/N-rich domain at its N-termina which is required for the aggregation of CPEB3. The expression of CPEB3 is downregulated in cervical cancer and hepatocellular carcinoma compared with normal tissue. It has been reported that the aggregation and activity of CPEB3 is controlled by SUMOylation. CPEB3 is SUMOylated in hippocampal neurons in the basal state while converted into an active form which is associated with a decrease of SUMOylation and an increase of aggregation. CPEB3 is expressed in cytoplasm in unstimulated neurons but translocates to the nucleus following neuronal stimulation.

Overview

Product Name	Anti-CPEB3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CPEB3 Antibody catalog # A06906-1. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q8NE35

Technical Details

Immunogen	E.coli-derived human CPEB3 recombinant protein (Position: H397-F695).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400

ELISA, 1:100-1000

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Anti-CPEB3 Antibody

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