

Anti-ICER Antibody

Catalog # AP60256

Product Information

Application	WB, IHC
Primary Accession	Q03060
Reactivity	Human, Mouse, Rat, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37006

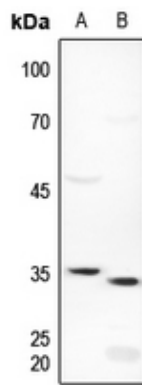
Additional Information

Gene ID	1390
Other Names	cAMP-responsive element modulator; Inducible cAMP early repressor; ICER
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ICER. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

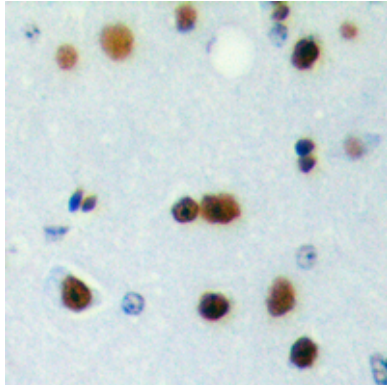
Protein Information

Name	CREM (HGNC:2352)
Function	Transcriptional regulator that binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. Isoforms are either transcriptional activators or repressors. Plays a role in spermatogenesis and is involved in spermatid maturation (PubMed: 10373550).
Cellular Location	Nucleus.
Tissue Location	Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes

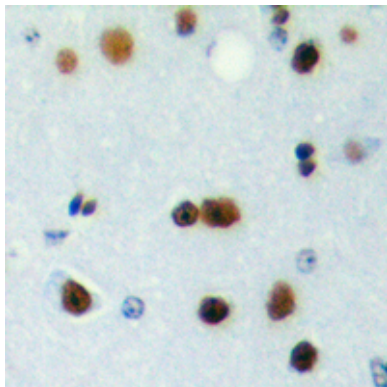
Images



Western blot analysis of ICER expression in mouse kidney (A), rat lung (B) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 35 kD)



Immunohistochemical analysis of ICER staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.