CPEB4

CONTACT INFORMATION:	Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS:	Validated
TYPE:	mouse anti-mouse
CLONE NAME:	ERE93C
PROTEIN:	CPEB4 (Cytoplasmic polyadenylation element-binding protein 4)
PROTEIN WEB:	http://www.uniprot.org/uniprot/Q7TN98
ANTIGEN USED:	HIS-GST-mCPEB4 (1-375aa) recombinant protein
FUSION PARTNER:	NS1/Ag4-1 (NS1) cells
ISOTYPE:	IgG1
SPECIES REACTIVITY:	human and mouse
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze

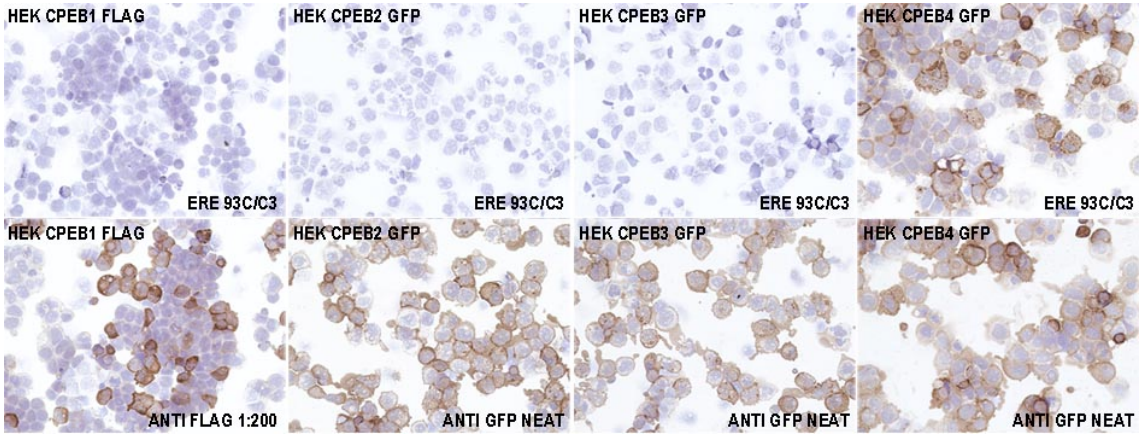
PUBLICATION DESCRIBING ANTIBODY CHARACTERIZATION/VALIDATION

Lineage-specific roles of the cytoplasmic polyadenylation factor CPEB4 in the regulation of melanoma drivers. Pérez-Guijarro E, Karras P, Cifdaloz M, Martínez-Herranz R, Cañón E, Graña O, Horcajada-Reales C, Alonso-Curbelo D, Calvo TG, Gómez-López G, Bellora N, Riveiro-Falkenbach E, Ortiz-Romero PL, Rodríguez-Peralto JL, Maestre L, Roncador G, de Agustín Asensio JC, Goding CR, Eyras E, Megías D, Méndez R, Soengas MS.
Nat Commun. 2016 Nov 18; 7:13418.

APPLICATIONS

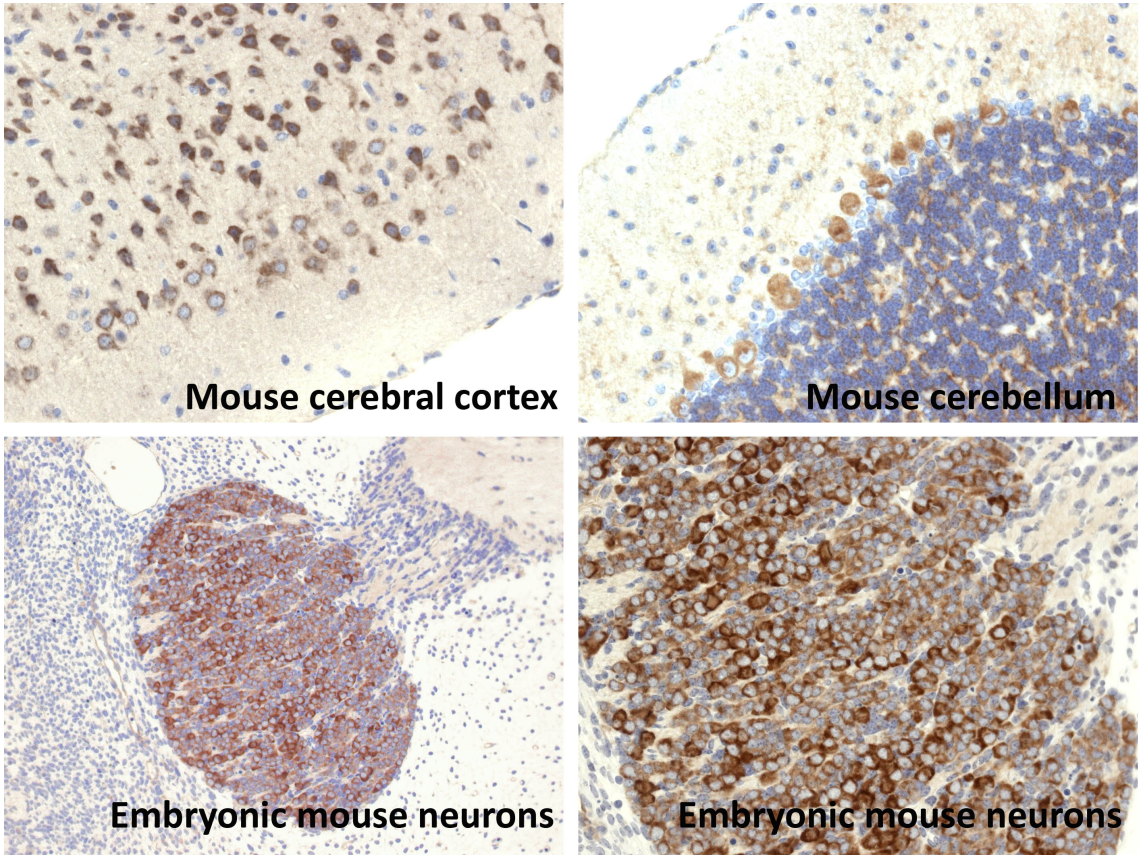
IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species
Frozen tissue and cytospins									
Recommended	Neat	Supernatant							
Paraffin tissue									

Recommended	1:1500	Purified							
Immunofluorescence									
Recommended	Neat	Supernatant							



ERE93C mAb in transfected cells

To confirm that ERE93C recognizes mCPEB4 immunohistochemistry on frozen cytospins preparations of GFP or Flag-tagged mCPEB1, mCPEB2, mCPEB3 and mCPEB4 expressed in Hek293T was performed. Anti-Flag and anti-GFP antibodies were used as positive controls.



ERE93C staining in mouse paraffin sections.

ERE93C antibody can be used to detect mCPEB4 protein in mouse paraffin embedded tissue samples.

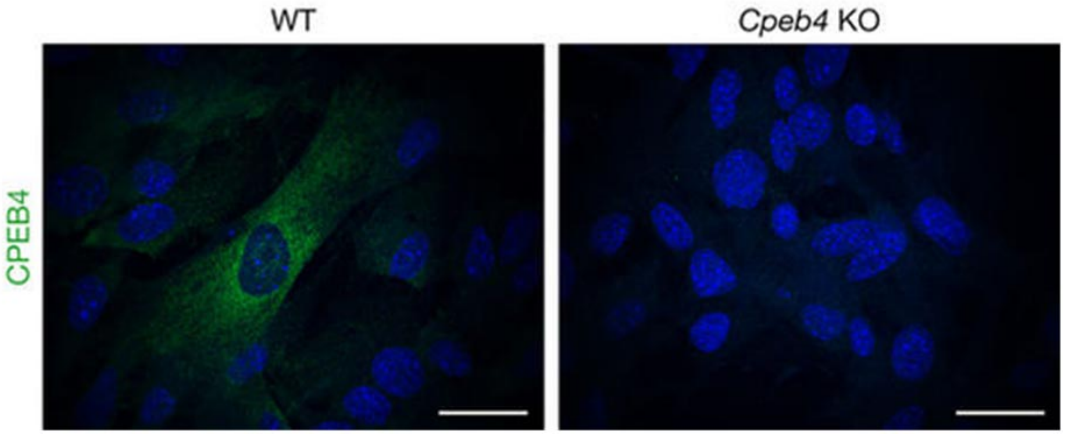
Tissue sample: mouse brain and mouse embryonic tissues.

Dilution: 1:1500

Antigen retrieval: CC1 D5+OR

Antibody incubation: 30 minutes

Detection kit used: Ventana



ERE93C antibody can be used to detect mCPEB4 protein by Immunofluorescence.

Tissue sample: Mefs.