


Product datasheet

Anti-ICER antibody ab153723

★★★★☆ 1 Abreviews 2 Images

Overview

<b>Product name</b>	Anti-ICER antibody
<b>Description</b>	Rabbit polyclonal to ICER
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Dog 
<b>Immunogen</b>	Recombinant fragment corresponding to Human ICER aa 93-241.
<b>Positive control</b>	NT2D1, A549, HeLa and Jurkat whole cell lysate ( <a href="#">ab7899</a> ); HeLa cells.
<b>General notes</b>	Protein previously labeled as CREM.  The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.  If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

## The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab153723 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆ (1)	1/500 - 1/3000. Predicted molecular weight: 37 kDa.
ICC/IF		1/100 - 1/1000.

## Target

### 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.

### Tissue specificity

Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes.

### Sequence similarities

Belongs to the bZIP family.  
Contains 1 bZIP (basic-leucine zipper) domain.  
Contains 1 KID (kinase-inducible) domain.

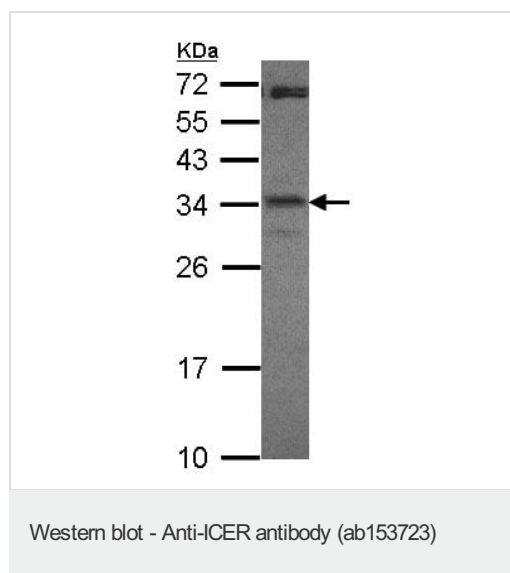
### Post-translational modifications

Isoform 9 is ubiquitinated by CDC34 and RAD6B in order to be degraded by the proteasome. Stimulated by phosphorylation.

### Cellular localization

Nucleus.

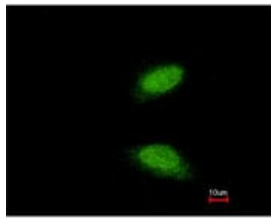
## Images



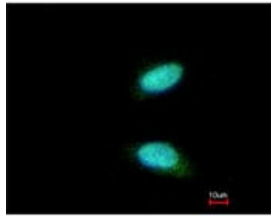
Anti-ICER antibody (ab153723) at 1/1000 dilution + NT2D1 whole cell lysate at 30 µg

**Predicted band size:** 37 kDa

12% SDS PAGE



Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells, labeling ICER with ab153723 at 1/200 dilution. Lower image shows cells co-stained with Hoechst 33342.



Immunocytochemistry/ Immunofluorescence - Anti-ICER antibody (ab153723)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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