


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.

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
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

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.

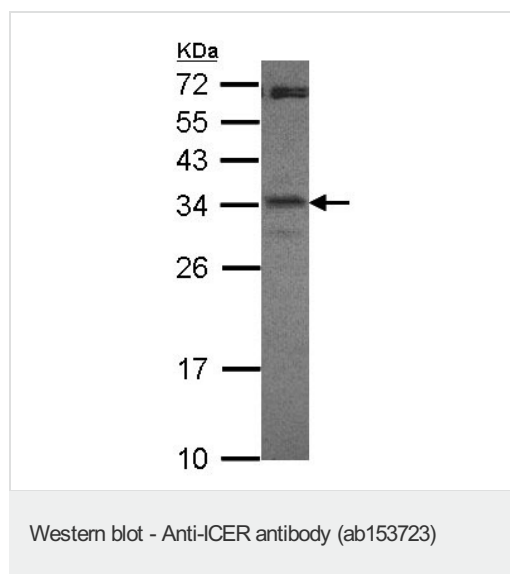
Application	Abreviews	Notes
WB	★★★★☆	1/500 - 1/3000. Predicted molecular weight: 37 kDa.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes.
<b>Sequence similarities</b>	Belongs to the bZIP family. Contains 1 bZIP (basic-leucine zipper) domain. Contains 1 KID (kinase-inducible) domain.
<b>Post-translational modifications</b>	Isoform 9 is ubiquitinated by CDC34 and RAD6B in order to be degraded by the proteasome. Stimulated by phosphorylation.
<b>Cellular localization</b>	Nucleus.

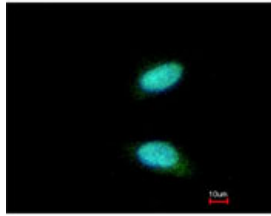
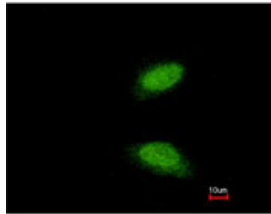
## Images



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"

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