

## Product datasheet

# Anti-ENC1 antibody ab106683

[1 References](#) [1 Image](#)

### Overview

---

<b>Product name</b>	Anti-ENC1 antibody
<b>Description</b>	Chicken polyclonal to ENC1
<b>Host species</b>	Chicken
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to Human ENC1 (internal sequence). The immunogen is located within amino acids 230 - 280 (13 amino acid synthetic peptide) of ENC-1. Database link: <a href="#">O14682</a>
<b>Positive control</b>	WB: Mouse kidney muscle tissue lysate.
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (stable for up to 12 months).
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab106683 is purified by affinity chromatography via a peptide column.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgY

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106683 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		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 66 kDa.

## Target

### Function

Actin-binding protein involved in the regulation of neuronal process formation and in differentiation of neural crest cells. May be down-regulated in neuroblastoma tumors. Substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

### Tissue specificity

Detected in fetal brain tissue, moderate expression in fetal heart, lung and kidney. Highly expressed in adult brain, particularly high in the hippocampus and amygdala, and spinal chord. Detectable in adult pancreas.

### Pathway

Protein modification; protein ubiquitination.

### Sequence similarities

Contains 1 BTB (POZ) domain.  
Contains 6 Kelch repeats.

### Developmental stage

Dramatically up-regulated upon neuronal differentiation.

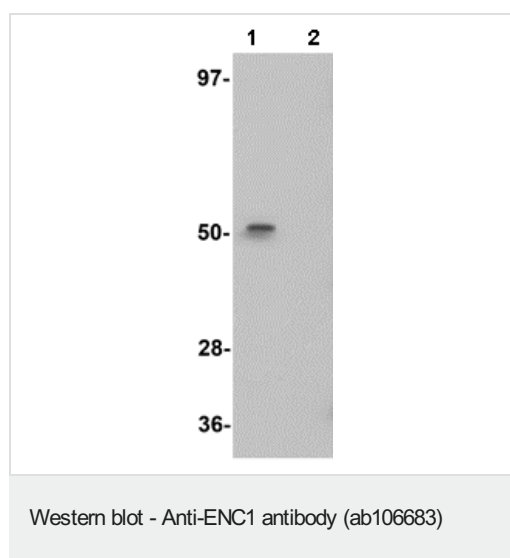
### Post-translational modifications

Ubiquitinated and probably targeted for proteasome-independent degradation.

### Cellular localization

Nucleus matrix. Cytoplasm > cytoskeleton.

## Images



**All lanes** : Anti-ENC1 antibody (ab106683) at 1 µg/ml

**Lane 1** : Mouse Kidney muscle tissue lysate

**Lane 2** : Mouse Kidney muscle tissue lysate

with blocking peptide

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 66 kDa

**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**

---

- 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**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors