

## Product datasheet

# Anti-ELAC1 antibody ab83252

1 Image

### Overview

<b>Product name</b>	Anti-ELAC1 antibody
<b>Description</b>	Rabbit polyclonal to ELAC1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
<b>Immunogen</b>	Synthetic peptide from within residues: LFHRIPSGF SVVEKKRPGK LNAQKLKDLG VPPGPAYGKL KNGISVVLEN , corresponding to internal sequence amino acids 179-228 of Human ELAC1 (NP_061166) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Fetal Human heart lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab83252** in the following tested applications.

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

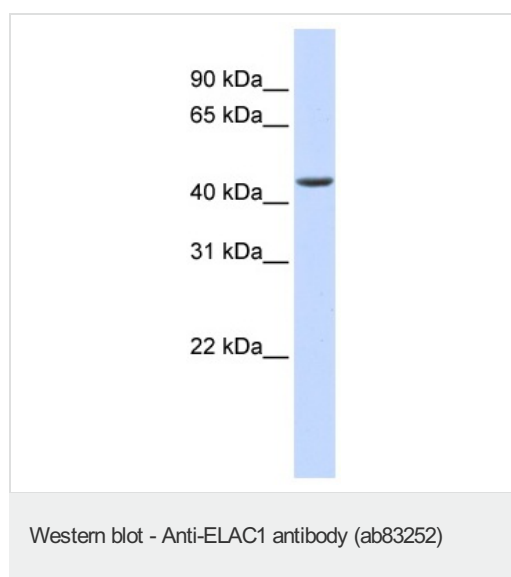
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 40 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay: 1/1562500.

## Target

<b>Function</b>	Zinc phosphodiesterase, which displays some tRNA 3'-processing endonuclease activity. Probably involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA.
<b>Tissue specificity</b>	Widely expressed. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
<b>Sequence similarities</b>	Belongs to the RNase Z family.
<b>Cellular localization</b>	Nucleus.

## Images



Anti-ELAC1 antibody (ab83252) at 1 µg/ml (in 5% skim milk / PBS buffer) + Human fetal heart lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 40 kDa

**Observed band size:** 45 kDa

Gel concentration 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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