

Product datasheet

Anti-ELAC1 antibody ab83252

1 Image

Overview

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

Properties

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

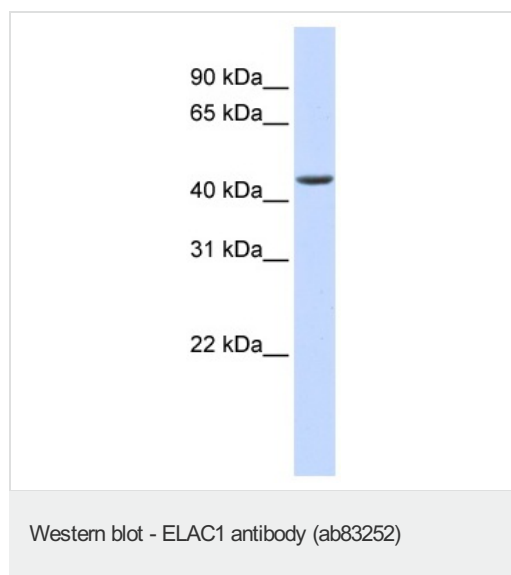
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 40 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

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

Target

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

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