

Product datasheet

Anti-TCN2 antibody ab113873

1 Image

Overview

Product name	Anti-TCN2 antibody
Description	Rabbit polyclonal to TCN2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Rabbit, Guinea pig
Immunogen	Synthetic peptide corresponding to a region within N terminal amino acids 40-89 (PWMDRLSSEQ LNPSVFGVGLR LSSMQAGTKE DLYLHSLKIH YQQCLLRSTS) of Mouse TCN2 (NP_056564). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Mouse pancreas 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	Constituents: 97% PBS, 2% Sucrose
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab113873** in the following tested applications.

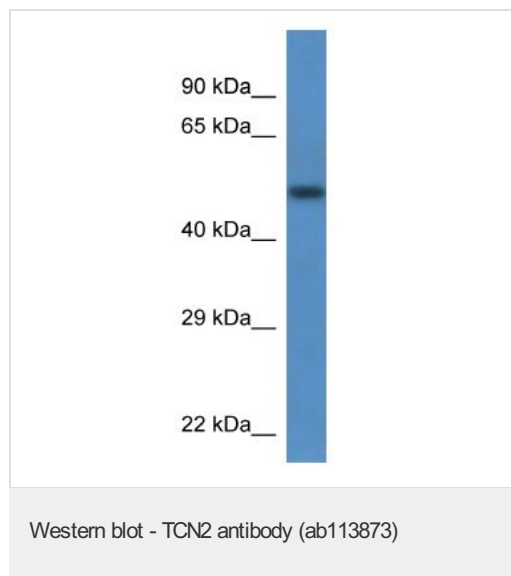
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 48 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Primary vitamin B12-binding and transport protein. Delivers cobalamin to cells.
Involvement in disease	Defects in TCN2 are the cause of transcobalamin II deficiency (TCN2 deficiency) [MIM:275350]. This results in various forms of anemia.
Sequence similarities	Belongs to the eukaryotic cobalamin transport proteins family.
Cellular localization	Secreted.

Images



Anti-TCN2 antibody (ab113873) at 1 µg/ml +

Mouse pancreas lysate at 10 µg

Predicted band size: 48 kDa

12% gel

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