


Product datasheet

Anti-TCF21 antibody ab49475

5 References 1 Image

Overview

<b>Product name</b>	Anti-TCF21 antibody
<b>Description</b>	Rabbit polyclonal to TCF21
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody is specific for TCF21 protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Xenopus laevis 
<b>Immunogen</b>	A synthetic peptide made to an internal region of human TCF21 protein (within residues 100-179).
<b>Positive control</b>	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block; margin-bottom: 5px;"> <a href="#">Purchase matching WB positive control: Recombinant Human TCF21 protein &gt;</a> </div> HeLa whole cell lysate.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: Tris citrate/phosphate, pH 7-8
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab49475** 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 2 µg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 20 kDa). May see additional bands at ~25 kDa and above 50 kDa.
ICC/IF		Use at an assay dependent concentration. PubMed: 21209317
IHC-Fr		Use at an assay dependent concentration. PubMed: 24676100

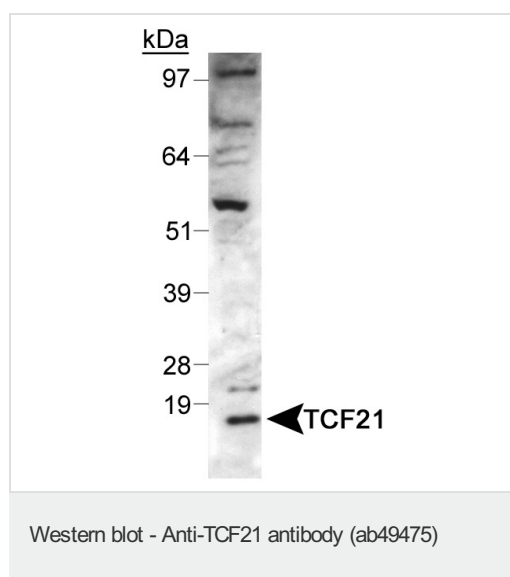
## Target

**Function** Involved in epithelial-mesenchymal interactions in kidney and lung morphogenesis that include epithelial differentiation and branching morphogenesis. May play a role in the specification or differentiation of one or more subsets of epicardial cell types.

**Sequence similarities** Contains 1 basic helix-loop-helix (bHLH) domain.

**Cellular localization** Nucleus.

## Images



Anti-TCF21 antibody (ab49475) at 2 µg/ml +  
HeLa whole cell lysate

**Predicted band size:** 20 kDa

**Observed band size:** 17 kDa

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