


Product datasheet

Anti-TNNI3K antibody ab111140

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

Overview

Product name	Anti-TNNI3K antibody
Description	Rabbit polyclonal to TNNI3K
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Synthetic peptide derived from an internal region of Human TNNI3K.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49.1% PBS, 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine) PBS is without Mg ²⁺ and Ca ²⁺ .
Purity	Immunogen affinity purified
Purification notes	ab111140 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

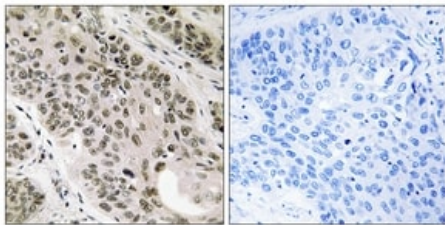
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab111140 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	May play a role in cardiac physiology.
Tissue specificity	Highly expressed in both adult and fetal heart.
Sequence similarities	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 10 ANK repeats. Contains 1 protein kinase domain.
Post-translational modifications	Autophosphorylated.
Cellular localization	Nucleus. Cytoplasm. Expressed at lower levels in the cytoplasm.

Images



ab111140, at a 1/50 dilution, staining TNNI3K in paraffin embedded Human lung carcinoma tissue by Immunohistochemistry. Image on the right was from tissue treated with the synthetic peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TNNI3K antibody (ab111140)

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