


Anti-IRX4 antibody **ab123542**

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Overview

Product name	Anti-IRX4 antibody
Description	Rabbit polyclonal to IRX4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Cow, Dog, Pig, Macaque monkey, Orangutan 
Immunogen	Synthetic peptide corresponding to Human IRX4 aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as ab139538)
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

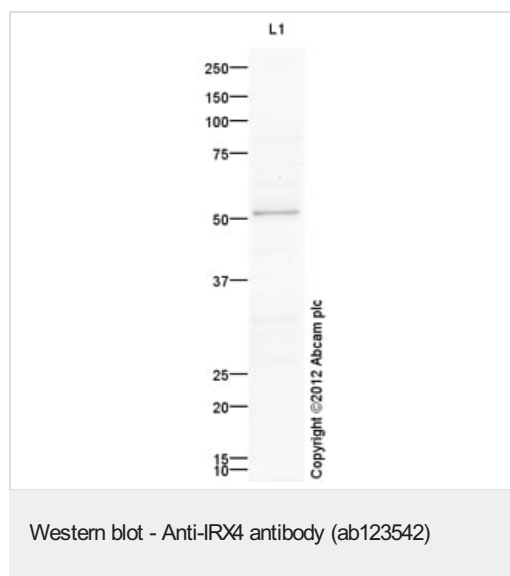
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab123542 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 54 kDa (predicted molecular weight: 54 kDa).

Target

Function	Likely to be an important mediator of ventricular differentiation during cardiac development.
Tissue specificity	Predominantly expressed in cardiac ventricles.
Sequence similarities	Belongs to the TALE/IRO homeobox family. Contains 1 homeobox DNA-binding domain.
Cellular localization	Nucleus.

Images



Anti-IRX4 antibody (ab123542) at 1 µg/ml + Human heart tissue lysate - total protein (**ab29431**) at 25 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 54 kDa

Observed band size: 54 kDa

Exposure time: 20 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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