


Product datasheet

Anti-Iroquois homeobox protein 3/IRX3 antibody ab25703

★★★★★ [2 Abreviews](#) [6 References](#) [1 Image](#)

Overview

Product name	Anti-Iroquois homeobox protein 3/IRX3 antibody
Description	Rabbit polyclonal to Iroquois homeobox protein 3/IRX3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Chicken, Human, Xenopus laevis, Zebrafish 
Immunogen	Synthetic peptide corresponding to Mouse Iroquois homeobox protein 3/IRX3 aa 150-250 conjugated to keyhole limpet haemocyanin. (Peptide available as ab26905 , ab26906)
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 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.
Purity	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

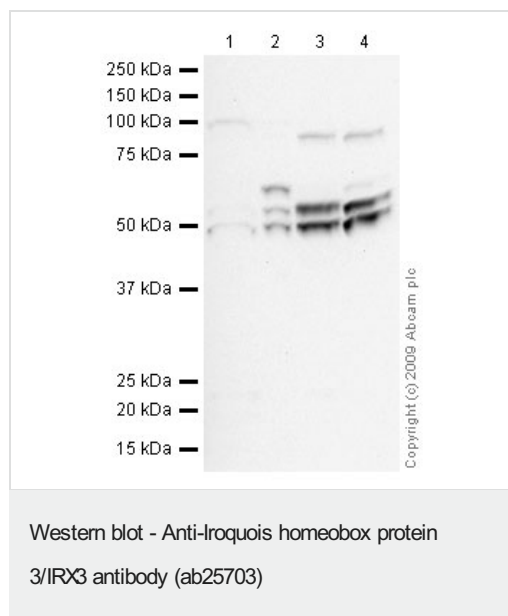
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab25703 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 2 µg/ml. Detects a band of approximately 52, 55 kDa (predicted molecular weight: 52 kDa).

Target

Function	Transcription factor. Involved in SHH-dependent neural patterning. Together with NKX2-2 and NKX6-1 acts to restrict the generation of motor neurons to the appropriate region of the neural tube. Belongs to the class I proteins of neuronal progenitor factors, which are repressed by SHH signals. Involved in the transcriptional repression of MNX1 in non-motor neuron cells.
Sequence similarities	Belongs to the TALE/IRO homeobox family. Contains 1 homeobox DNA-binding domain.
Cellular localization	Nucleus.

Images



All lanes : Anti-Iroquois homeobox protein 3/IRX3 antibody (ab25703) at 2 µg/ml

Lane 1 : Mouse Fetus (14 Day Old) Tissue Lysate

Lane 2 : Mouse lung normal tissue lysate - total protein ([ab29297](#))

Lane 3 : Brain (Mouse) Tissue Lysate

Lane 4 : Spinal Cord (Mouse) Tissue Lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 52 kDa

Observed band size: 52,55 kDa

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

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