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Datasheet for ABIN2775582 anti-IRX3 antibody (C-Term)

4 Images



Overview

Quantity:	100 µL
Target:	IRX3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Alternative Name:

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human IRX3
Sequence:	SPAAAAAAAH RLVSAPLGKF PAWTNRPFPG PPPGPRLHPL SLLGSAPPHL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 90%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against IRX3. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	IRX3

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IRX3 (IRX3 Products)

Target Details

Background:	IRX3 is a member of the Iroquois homeobox gene family that encodes a protein known for its essential role in spinal cord development. Alias Symbols: IRX-1, IRXB1 Protein Size: 501
Molecular Weight:	52 kDa
Gene ID:	79191
NCBI Accession:	NM_024336, NP_077312
UniProt:	P78415
Pathways:	Tube Formation

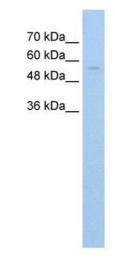
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 501 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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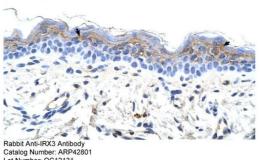


Western Blotting

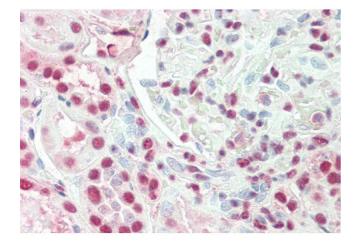
Image 1. WB Suggested Anti-IRX3 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate

Immunohistochemistry

Image 2. Human Skin



Rabbit Anti-IRX3 Antibody Catalog Number: ARP42801 Lot Number: QC12131 Parafin Embeded Tissue: Human Skin Cells with Positive label: Squamous epithelial cells (Indicated with Arrows) Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X



Immunohistochemistry

Image 3. Rabbit Anti-IRX3 antibody Formalin Fixed Paraffin Embedded Tissue: Human Kidney Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

Please check the product details page for more images. Overall 4 images are available for ABIN2775582.

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