

Datasheet for ABIN2779862
anti-IRX3 antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of mouse IRX3
Sequence:	LGYYIRPLY PPERPGAAGG GGGGSSAGGR SGPGAGASEL AASGSLSNVL
Predicted Reactivity:	Cow: 86%, Dog: 86%, Mouse: 100%, Pig: 79%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against IRX3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	IRX3
Alternative Name:	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: AI894186 Protein Size: 507
Molecular Weight:	56 kDa
Gene ID:	16373
NCBI Accession:	NM_008393 , NP_032419
UniProt:	P81067
Pathways:	Tube Formation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 507 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.

Publications

Product cited in:	Sun, Hafler, Kaing, Kitada, Ligon, Widlund, Yuk, Stiles, Rowitch: "Evidence for motoneuron
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lineage-specific regulation of Olig2 in the vertebrate neural tube." in: **Developmental biology**,
Vol. 292, Issue 1, pp. 152-64, (2006) ([PubMed](#)).



Western Blotting

Image 1. WB Suggested Anti-IRX3 Antibody Titration:
5.0ug/ml ELISA Titer: 1:1562500 Positive Control: NIH/3T3
cell lysate