

Datasheet for ABIN2780012  
**anti-IRX5 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	IRX5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRX5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse Irx5
Sequence:	ENIDLEKNDE DEPQKPEDKG DLEGPESSGA EQKATAGCER LQGPLSPAGK
Predicted Reactivity:	Cow: 93%, Dog: 92%, Guinea Pig: 86%, Horse: 100%, Human: 93%, Mouse: 100%, Pig: 93%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Irx5. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	IRX5
Alternative Name:	Irx5 ( <a href="#">IRX5 Products</a> )

## Target Details

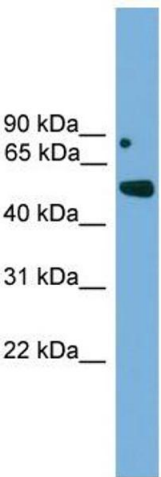
Background:	<p>Irx5 establishes the cardiac repolarization gradient by its repressive actions on the KCND2 potassium-channel gene. Irx5 is required for retinal cone bipolar cell differentiation. Irx5 may regulate contrast adaptation in the retina and control specific aspects of visual function in circuits of the mammalian retina.</p> <p>Alias Symbols: -</p> <p>Protein Size: 484</p>
Molecular Weight:	51 kDa
Gene ID:	54352
NCBI Accession:	<a href="#">NM_018826</a> , <a href="#">NP_061296</a>
UniProt:	<a href="#">Q9JKQ4</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 484 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.



Western Blotting

**Image 1.** WB Suggested Anti-Irx5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: NIH/3T3 cell lysate