

Datasheet for ABIN2784980  
**anti-DYX1C1 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	DYX1C1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYX1C1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DYX1C1
Sequence:	TDNANARMKA HVRRGTAFCQ LELYVEGLQD YEAALKIDPS NKIVQIDAEK
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 90%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against DYX1C1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	DYX1C1
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## Target Details

Alternative Name:	DYX1C1 ( <a href="#">DYX1C1 Products</a> )
Background:	<p>This gene encodes a tetratricopeptide repeat domain-containing protein. The encoded protein interacts with estrogen receptors and the heat shock proteins, Hsp70 and Hsp90. A chromosomal translocation involving this gene is associated with a susceptibility to developmental dyslexia. Mutations in this gene are associated with deficits in reading and spelling. Alternate splicing results in multiple transcript variants.</p> <p>Alias Symbols: DYX1, DYXC1, EKN1, FLJ37882, MGC70618, RD</p> <p>Protein Interaction Partner: SPDL1, KDM1A, Stub1, Hspa1b, GABARAPL1, GABARAP, HSPA1A, Protein Size: 420</p>
Molecular Weight:	48 kDa
Gene ID:	161582
NCBI Accession:	<a href="#">NM_130810</a> , <a href="#">NP_570722</a>
UniProt:	<a href="#">Q8WXU2</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 420 AA
Restrictions:	For Research Use only

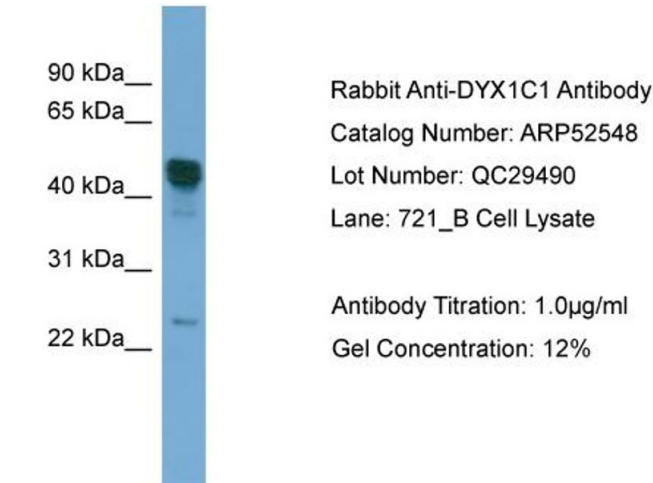
## Handling

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.

Handling

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.

Images

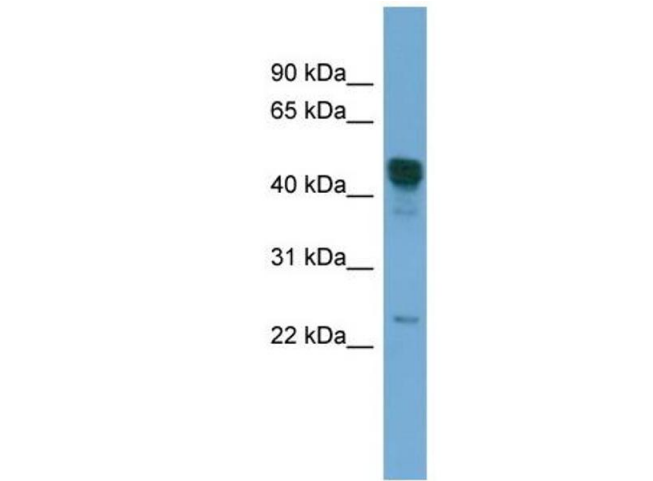


**Western Blotting**

**Image 1.** WB Suggested Anti-DYX1C1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: 21\_B cell lysate



**Western Blotting**

**Image 2.** WB Suggested Anti-DYX1C1 Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** 721\_B cell lysate