

Datasheet for ABIN6261407

**anti-DYX1C1 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	DYX1C1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYX1C1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human DYX1C1.
Isotype:	IgG
Specificity:	DYX1C1 antibody detects endogenous levels of DYX1C1.
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	DYX1C1
Alternative Name:	DYX1C1 ( <a href="#">DYX1C1 Products</a> )
Background:	Description: Axonemal dynein assembly factor required for ciliary motility. Involved in neuronal

## Target Details

migration during development of the cerebral neocortex. May regulate the stability and proteasomal degradation of the estrogen receptors that play an important role in neuronal differentiation, survival and plasticity.

Gene: DNAAF4

Molecular Weight: 48 kDa

Gene ID: 161582

UniProt: [Q8WXU2](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

## Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

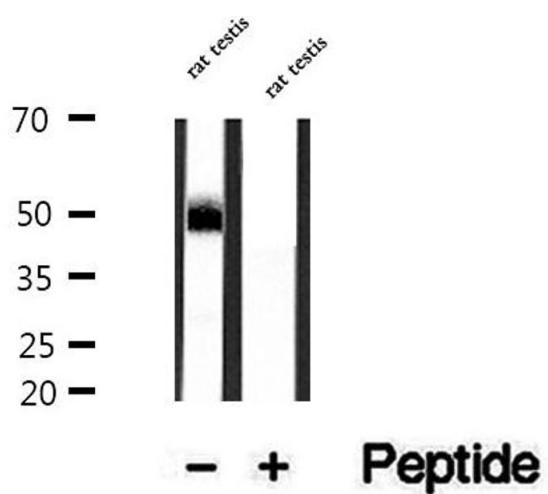
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

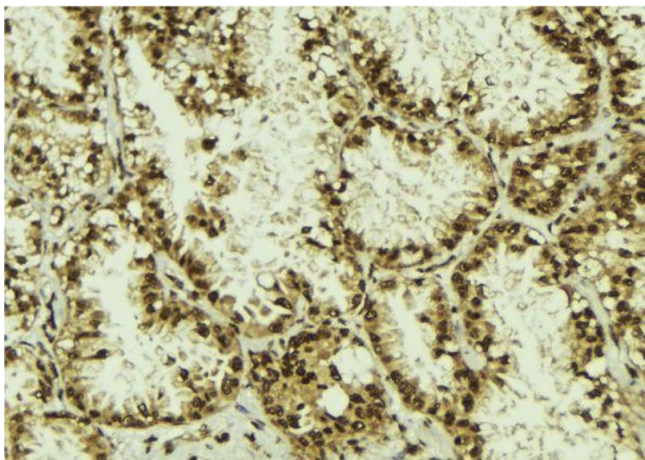
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt

Expiry Date: 12 months



Western Blotting

**Image 1.** Western blot analysis of extracts of rat testis tissue, using DYX1C1 antibody.



Immunohistochemistry

**Image 2.** ABIN6273114 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.