

Datasheet for ABIN2855644

**anti-PRKX antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PRKX
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PRKX. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to PRKX (protein kinase, X-linked) PRKX antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	PRKX
Alternative Name:	protein kinase X-linked ( <a href="#">PRKX Products</a> )

## Target Details

**Background:** This gene encodes a serine threonine protein kinase that has similarity to the catalytic subunit of cyclic AMP dependent protein kinases. The encoded protein is developmentally regulated and may be involved in renal epithelial morphogenesis. This protein may also be involved in macrophage and granulocyte maturation. Abnormal recombination between this gene and a related pseudogene on chromosome Y is a frequent cause of sex reversal disorder in XX males and XY females. Pseudogenes of this gene are found on chromosomes X, 15 and Y.

**Molecular Weight:** 41 kDa

**Gene ID:** 5613

**UniProt:** [P51817](#)

**Pathways:** [Thyroid Hormone Synthesis](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: Mouse brain , A431

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.54 mg/mL

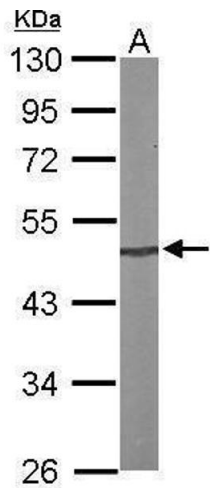
**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

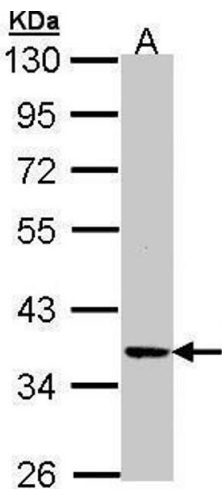
**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



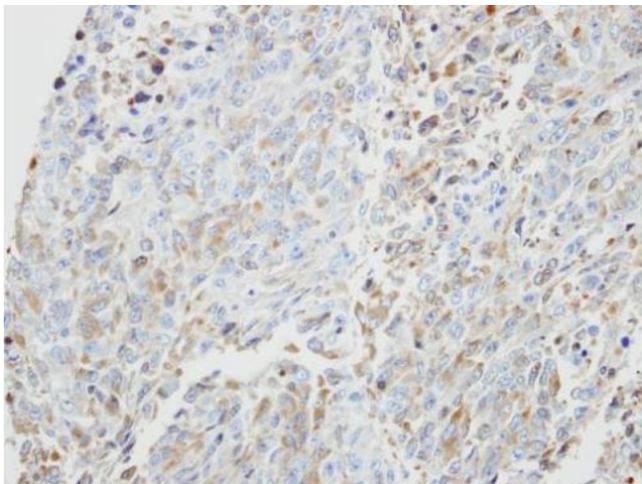
#### Western Blotting

**Image 1.** WB Image Sample (50 ug of whole cell lysate) A:  
Mouse brain 10% SDS PAGE antibody diluted at 1:1000



#### Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A:  
A431 , 10% SDS PAGE antibody diluted at 1:1000



#### Immunohistochemistry

**Image 3.** IHC-P Image Immunohistochemical analysis of  
paraffin-embedded H3347 xenograft, using PRKX, antibody  
at 1:500 dilution.