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Datasheet for ABIN7301130

## anti-Phospholipase D4 antibody (C-Term)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	Phospholipase D4 (PLD4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholipase D4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Phospholipase D4.
Specificity:	Recognizes endogenous levels of Phospholipase D4 protein.
Characteristics:	Rabbit polyclonal antibody to Phospholipase D4
Purification:	The antibody was purified by immunogen affinity chromatography.

#### Target Details

Target:	Phospholipase D4 (PLD4)
Alternative Name:	Phospholipase D4 ( <a href="#">PLD4 Products</a> )
Background:	C14orf175, Phospholipase D4, PLD 4, Choline phosphatase 4, Phosphatidylcholine-hydrolyzing

## Target Details

phospholipase D4

Gene ID: 122618, 104759

UniProt: [Q96BZ4](#), [Q8BG07](#)

## Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

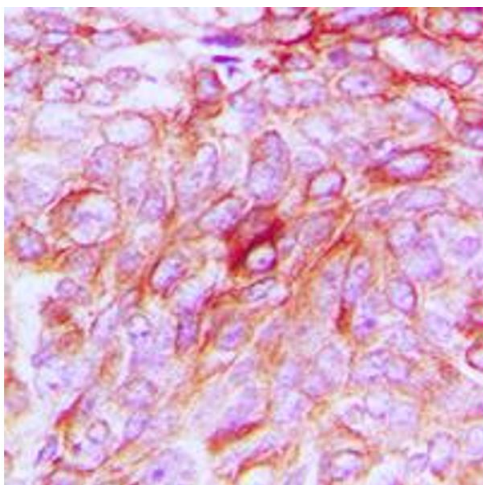
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

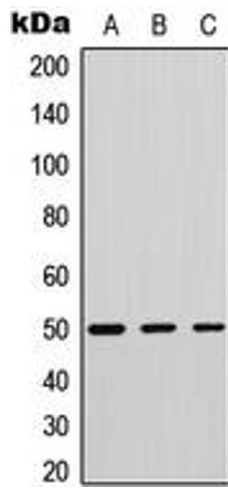
Expiry Date: 12 months

## Images



### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of Phospholipase D4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### Western Blotting

**Image 2.** Western blot analysis of Phospholipase D4 expression in human tonsil (A), mouse testis (B), mouse muscle (C) whole cell lysates.