

Datasheet for ABIN540939

**anti-LRP6 antibody (pThr1479)****2** Images**4** Publications[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	LRP6
Binding Specificity:	pThr1479
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Dot Blot (DB)

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic phosphopeptide of LRP6.
Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding T1479 of human LRP6.
Sequence:	KGTYP
Specificity:	This antibody recognizes ~180 KDa of human LRP6.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Synthetic Peptide.

## Target Details

Target:	LRP6
Alternative Name:	LRP6 ( <a href="#">LRP6 Products</a> )

## Target Details

Gene ID:	4040
Pathways:	<a href="#">WNT Signaling, Tube Formation</a>

## Application Details

Application Notes:	Western Blot (0.1-1 µg/mL) ELISA (0.01-0.1 µg/mL) Immunoprecipitation (2-5 µg/mL) The optimal working dilution should be determined by the end user.
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
Buffer:	In TBS, pH 7.2 (BSA, 10 % Proclin300)
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

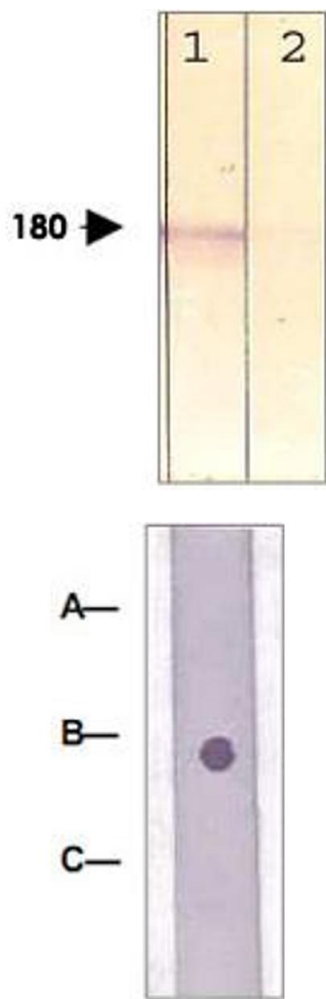
## Publications

Product cited in:	Wang, Chi, Yuan, Zhou, Yin, Zhang, Peng: "Astragaloside IV inhibits the up-regulation of Wnt/?-catenin signaling in rats with unilateral ureteral obstruction." in: <b>Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology</b> , Vol. 33, Issue 5, pp. 1316-28, (2014) ( <a href="#">PubMed</a> ).  Del Valle-Pérez, Arqués, Vinyoles, de Herreros, Duñach: "Coordinated action of CK1 isoforms in canonical Wnt signaling." in: <b>Molecular and cellular biology</b> , Vol. 31, Issue 14, pp. 2877-88, (2011) ( <a href="#">PubMed</a> ).  Casagolda, Del Valle-Pérez, Valls, Lugilde, Vinyoles, Casado-Vela, Solanas, Batlle, Reynolds, Casal, de Herreros, Duñach: "A p120-catenin-CK1epsilon complex regulates Wnt signaling." in:
-------------------	--

**Journal of cell science**, Vol. 123, Issue Pt 15, pp. 2621-31, (2010) ([PubMed](#)).

Khan, Vijayakumar, de la Torre, Rotolo, Bafico: "Analysis of endogenous LRP6 function reveals a novel feedback mechanism by which Wnt negatively regulates its receptor." in: **Molecular and cellular biology**, Vol. 27, Issue 20, pp. 7291-301, (2007) ([PubMed](#)).

Images



Western Blotting

**Image 1.** The cell lysate derived from conditioned NIH/3T3 was immunoprobed by LRP6 (phospho T1479) polyclonal antibody at 1 : 500. An immunoreactive band is observed around ~ 180kDa (1). This band is abolished by pre-incubation with immunizing peptide (2).

Dot Blot

**Image 2.** Dot Blot : 1 ug peptide was blot onto NC membrane. A : Non-related phospho-specific peptide. B : LRP6 (pT1479). C : Non- Phosphopeptide LRP6 was blotted by LRP6 (phospho T1479) polyclonal antibody a 1 : 2000 dilution.