

Datasheet for ABIN2778197  
**anti-KIF27 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	KIF27
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Guinea Pig, Horse, Rabbit, Rat, Cow, Mouse, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF27 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human KIF27
Sequence:	ELEADLKKRE AIVSKKEALL QEKSHLENKK LRSSQALNTD SLKISTRNLN
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against KIF27. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	KIF27
Alternative Name:	KIF27 ( <a href="#">KIF27 Products</a> )

## Target Details

Background:	<p>This gene is a member of the KIF27 (kinesin 4) sub-family of the mammalian kinesin family. The gene is an ortholog of the Drosophila Cos2 gene, which plays an important role in the Hedgehog signaling pathway. The encoded protein contains an N-terminal motor domain which includes nucleotide-binding and microtubule-interacting regions, a stalk domain containing a predicted coiled coil motif and a C-terminal tail domain. Alternatively spliced transcript variants have been observed for this gene. Pseudogenes associated with this gene are located on chromosome 9</p> <p>Alias Symbols: RP11-575L7.3</p> <p>Protein Size: 1401</p>
Molecular Weight:	160 kDa
Gene ID:	55582
NCBI Accession:	<a href="#">NM_017576</a> , <a href="#">NP_060046</a>
UniProt:	<a href="#">Q86VH2</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat freeze-thaw cycles.
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.



Western Blotting

**Image 1.** Host: Rabbit Target Name: KIF27 Sample Type: Large Intestine Tumor lysates Antibody Dilution: 1.0ug/ml