

Datasheet for ABIN2776705  
**anti-FZD5 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	FZD5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FZD5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FZD5
Sequence:	CYLYEQHYRE SWEAALTCAC PGHDTGQPRA KPEYWVLMK YFMCLVVGIT
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against FZD5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	FZD5
Alternative Name:	FZD5 ( <a href="#">FZD5 Products</a> )

## Target Details

Background:	<p>Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand.</p> <p>Alias Symbols: C2orf31, DKFZP434E2135, HFZ5, MGC129692</p> <p>Protein Interaction Partner: LRP6, UBTD1, LZTFL1, ABI3BP, RGS2, RPS6KA6, GSK3B, UBC, Ror2, GOPC, WNT7A, WNT5A,</p> <p>Protein Size: 585</p>
Molecular Weight:	62 kDa
Gene ID:	7855
NCBI Accession:	<a href="#">NM_003468</a> , <a href="#">NP_003459</a>
UniProt:	<a href="#">Q13467</a>
Pathways:	<a href="#">WNT Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 585 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
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 repeated 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.

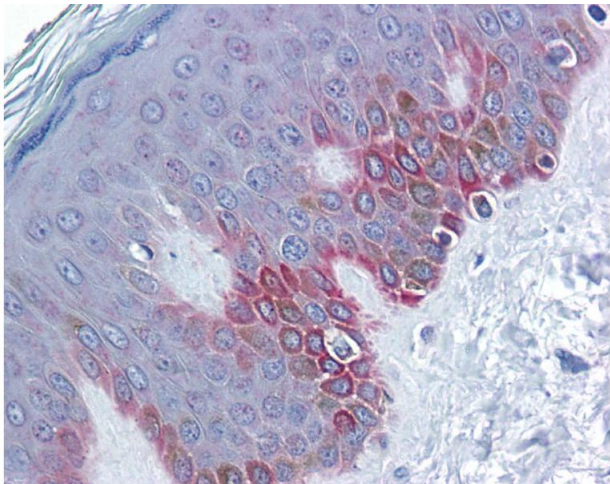


Western Blotting

**Image 1. WB Suggested Anti-FZD5 Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:12500

**Positive Control:** Human Stomach



Immunohistochemistry

**Image 2.**