

Datasheet for ABIN630125

anti-FZD9 antibody**2** Images[Go to Product page](#)

Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | FZD9 |
| Reactivity: | Human, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FZD9 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|---------------|--|
| Immunogen: | FZD9 antibody was raised using a synthetic peptide corresponding to a region with amino acids RPPGDLGPGAGGSGTCENPEKFQYVEKSRSCAPRCGPGVEVFWSRRDKDF |
| Purification: | Purified |

Target Details

| | |
|-------------------|---|
| Target: | FZD9 |
| Alternative Name: | FZD9 (FZD9 Products) |
| Background: | FZD9 contains 1 FZ (frizzled) domain and belongs to the G-protein coupled receptor Fz/Smo family. It is receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta-catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family |

Target Details

members. It may be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues.

Molecular Weight: 65 kDa (MW of target protein)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: WB: 2.5 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: FZD9 Blocking Peptide, catalog no. 33R-8100, is also available for use as a blocking control in assays to test for specificity of this FZD9 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FZD9 antibody in PBS

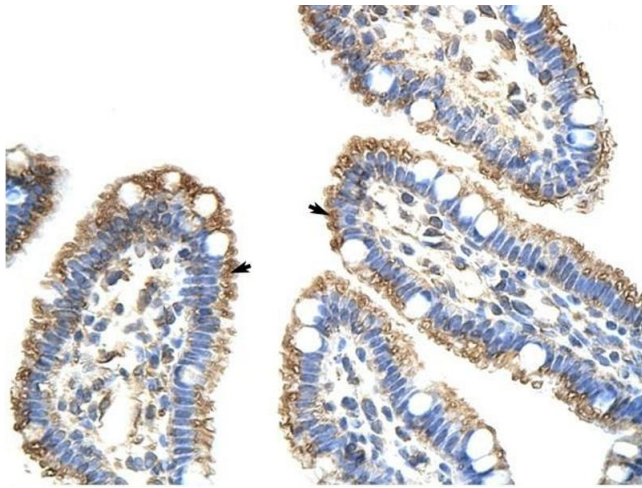
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

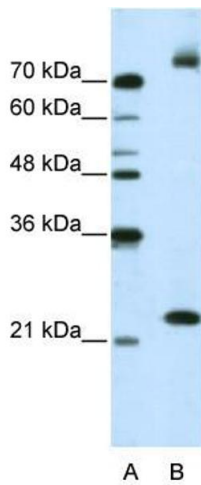
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. FZD9 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of intestinal villus (arrows) in Human Intestine. Magnification is at 400X



Western Blotting

Image 2. FZD9 antibody used at 2.5 ug/ml to detect target protein.