Datasheet for ABIN5651193

# anti-FZD4 antibody (AA 100-200) (Atto 594)

3 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | FZD4 |
| Binding Specificity: | AA 100-200 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FZD4 antibody is conjugated to Atto 594 |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

| | |
|---|---|
| Immunogen: | Synthetic peptide of Human FZD4 (100-200 aa), conjugated to Keyhole Limpet Haemocyanin (KLH). |
| Specificity: | Detects 60 kDa. |
| Purification: | Peptide Affinity Purified |

## Target Details

| | |
|---|---|
| Target: | FZD4 |
| Alternative Name: | FZD4 (FZD4 Products) |
| Gene ID: | 8322 |
| NCBI Accession: | NP_036325 |

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## Target Details

| | |
|---|---|
| UniProt: | Q9ULV1 |
| Pathways: | WNT Signaling, Hormone Transport, Sensory Perception of Sound |

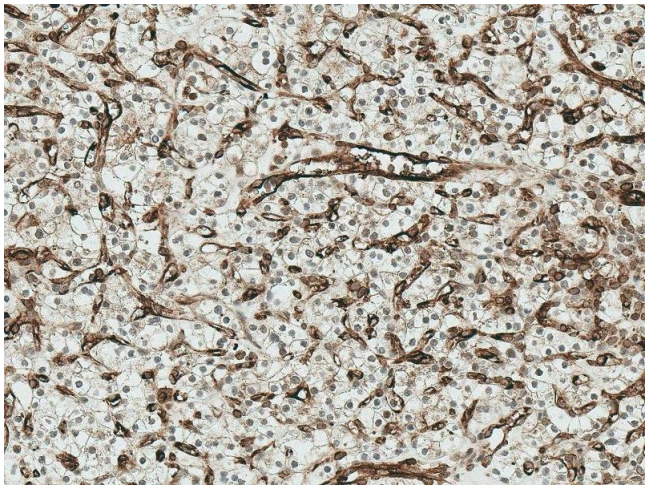
## Application Details

| | |
|---|---|
| Application Notes: | • WB (1:1000)<br>• IHC (1:50)<br>• optimal dilutions for assays should be determined by the user. |
| Comment: | A 1:1000 dilution of ABIN5651193 was sufficient for detection of FZD4 in 15 µg of mouse Testes cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS pH 7.4, 50 % glycerol, 0.09 % 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 |

## Images



**Immunohistochemistry**

**Image 1.** Immunohistochemistry analysis using Rabbit Anti-FZD4 Polyclonal Antibody (ABIN5651193). Tissue: Kidney. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-FZD4 Polyclonal Antibody (ABIN5651193) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.

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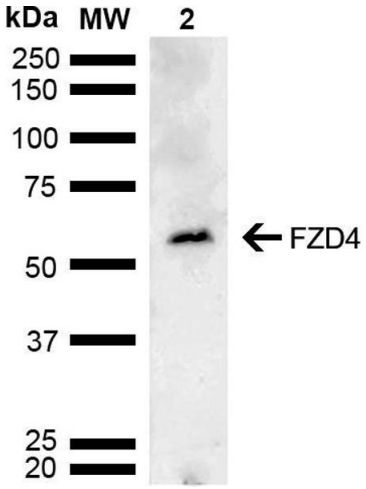
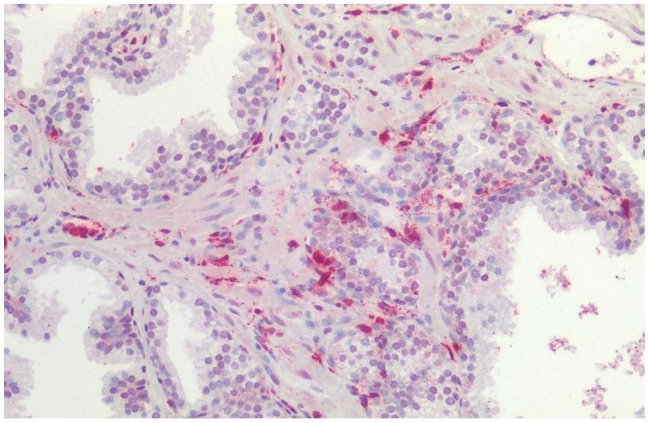



## Western Blotting

**Image 2.** Western blot analysis of Mouse testis lysate showing detection of ~59.9 kDa FZD4 protein using Rabbit Anti-FZD4 Polyclonal Antibody (ABIN5651193). Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse testis lysate. Load: 15 µg. Block: 5 % Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-FZD4 Polyclonal Antibody (ABIN5651193) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit HRP:IgG at 1:4000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: ~59.9 kDa.



## Immunohistochemistry

**Image 3.** Immunohistochemistry analysis using Rabbit Anti-FZD4 Polyclonal Antibody (ABIN5651193). Tissue: Prostate. Species: Human. Fixation: Formalin fixed paraffin-embedded. Primary Antibody: Rabbit Anti-FZD4 Polyclonal Antibody (ABIN5651193).

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