

## Product datasheet for **AP31110PU-N**

### Frizzled 9 (FZD9) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	<b>Peptide ELISA:</b> Detection Limit: 1/32000. <b>Western Blot:</b> Preliminary experiments in Kidney lysates from Human, Mouse and Rat gave no specific signal but low background (at antibody concentration up to 1 µg/ml). <b>Immunohistochemistry on Paraffin Sections:</b> 5-10 µg/ml. In paraffin embedded Human Testis shows acrosomal staining of spermatids.
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C Terminus of the protein sequence according to NP_003499.1.
Specificity:	Recognizes CD349 / FZD9.
Formulation:	Tris saline, pH~7.3 with 0.02% Sodium Azide and 0.5% BSA State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	frizzled class receptor 9
Database Link:	<a href="#">Entrez Gene 8326 Human O00144</a>



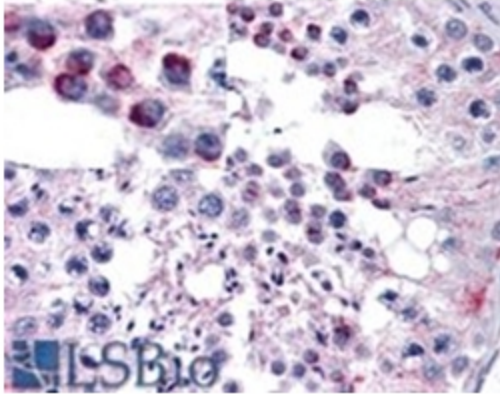
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**Background:**

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The Frizzled 9 gene is located within the Williams syndrome common deletion region of chromosome 7. Frizzled 9 is critical for hippocampal development and is likely to be a contributing factor to the neurodevelopmental and behavioral phenotype of patients with Williams syndrome. Expressed predominantly in adult and fetal brain, testis, eye, skeletal muscle and kidney. Moderately expressed in pancreas, thyroid, adrenal cortex, small intestine and stomach. Detected in fetal liver and kidney.

**Synonyms:**

Fz-9, hFz9

**Product images:**

Frizzled-9 antibody staining of Formalin-Fixed, Paraffin Embedded Human Testis at 5 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.