

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Frizzled-3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant mouse (rm) Frizzled-1, rmFrizzled-4, rmFrizzled-6, rmFrizzled-7, and rmFrizzled-8 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Frizzled-3 His23-Val157 Accession # Q61086
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

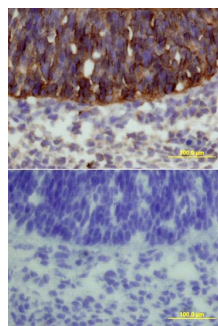
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse Frizzled-3
Immunohistochemistry	5-15 µg/mL	See Below

DATA

Immunohistochemistry



Frizzled-3 in Mouse Embryo. Frizzled-3 was detected in immersion fixed frozen sections of mouse embryo (E11) using Mouse Frizzled-3 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1001) at 15 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Lower panel shows a lack of labeling if primary antibodies are omitted and tissue is stained only with secondary antibody followed by incubation with detection reagents. View our protocol for [Chromogenic IHC Staining of Frozen Tissue Sections](#).

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Frizzled-3 is an integral membrane protein that belongs to the Frizzled family of G-protein coupled receptors. Frizzleds function as receptors for Wnt proteins.