

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Wnt-1 in direct ELISAs and Western blots. In Western blots, less than 5% cross-reactivity with recombinant mouse (rm) Wnt-3a and rmWnt-5a is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse Wnt-1 peptide Ser52-Glu92 and Met234-Arg313 Accession # Q3UR96
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

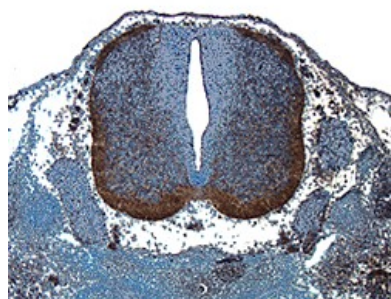
APPLICATIONS

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 Wnt-1
Immunohistochemistry	5-15 µg/mL	See Below

DATA

Immunohistochemistry



Wnt-1 in Mouse Embryonic Spinal Cord. Wnt-1 was detected in immersion fixed frozen sections of mouse embryonic spinal cord (13 d.p.c.) using 15 µg/mL Goat Anti-Mouse Wnt-1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1620) overnight at 4 °C. Tissue was stained with the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). 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. ● 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

Wnt-1 is a secreted glycoprotein that binds members of the frizzled family of seven transmembrane domain receptors. Wnt-1 may have an important role in the morphogenesis of the neural tube and in CNS development.