

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ZNF24 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human ZNF24 Ser2-Val368 Accession # NP_008896
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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 Human ZNF24
Immunocytochemistry	5-15 µg/mL	See Below

DATA

Immunocytochemistry

ZNF24 in HepG2 Human Cell Line. ZNF24 was detected in immersion fixed HepG2 human hepatocellular carcinoma cell line using Goat Anti-Human ZNF24 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF3637) at 15 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (left panel, red; Catalog # NL001) and counterstained with DAPI (right panel, blue). Specific staining was localized to nuclei. View our protocol for [Fluorescent ICC Staining of Cells on Coverslips](#).

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. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
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

Human ZNF24, also known as ZNF191, is a 42 kDa transcription regulator that belongs to the Kruppel-like zinc finger gene family. It contains an N-terminal SCAN box domain and four C-terminal tandem zinc finger motifs. ZNF24 is ubiquitously expressed. A second splice isoform that contains a 4 residue substitution for aa 191-368 of full-length ZNF24, has been reported. Human and mouse ZNF24 share 95% amino acid sequence homology.