

DESCRIPTION

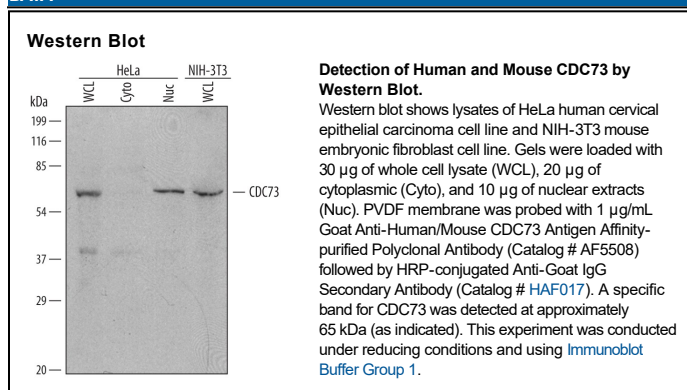
Species Reactivity	Human/Mouse
Specificity	Detects human and mouse CDC73 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human CDC73 Met1-Glu260 Accession # Q6P1J9
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or 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	1 µg/mL	See Below

DATA



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

CDC73 (also Parafibromin, HRPT2, and C1orf28) is a 60-65 kDa member of the Cell Division Cycle family of proteins. It is found in adrenal, parathyroid and kidney, and serves as a regulator of Wnt signaling and a tumor suppressor by blocking *c-myc* expression. Human CDC73 is 531 amino acids (aa) in length. It contains multiple NLSs (aa 125-139, 76-92, and 393-410) and a β-catenin interaction sequence (aa 218-263). There are at least two potential splice variants. One shows a Lys substitution for aa 300-531, while a second shows a 19 aa substitution for aa 298-531. Full-length human and mouse CDC73 are completely (100%) identical in primary aa sequence.