

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
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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 five 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.

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