

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Prohibitin in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Prohibitin Ala2-Gln272 Accession # P35232
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.
Immunocytochemistry	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

Prohibitin is an approximately 30 kDa protein that belongs to the prohibitin family. It contains a characteristic prohibitin domain and has been shown to have multiple functions. It can be localized to the mitochondria, nucleus, plasma membrane, and is also present in circulation. Post translational modifications of Prohibitin, including phosphorylation and ubiquitination, also occurs. Human Prohibitin shares 99% amino acid sequence identity with the mouse or rat protein.

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