

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human RNF4 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human RNF4 Met1-Ile190 Accession # P78317
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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.
Immunohistochemistry	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

RNF4 (small nuclear ring finger protein, SNURF) is a RING-finger ubiquitin E3 ligase that ubiquitinates and mediates the proteasomal destruction of targets such as PML, PEA3, CENP1, and PARP1. In addition to the RING domain, RNF4 contains four SUMO-interacting motifs (SIMs) that function to recruit this ligase to poly-SUMOylated substrates. RNF4 will autoubiquitinate in vitro, and will also ubiquitinate poly-SUMO chains.

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