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Datasheet for ABIN7151197
anti-RNF4 antibody (AA 1-103) (HRP)

Overview

Quantity:	100 µg
Target:	RNF4
Binding Specificity:	AA 1-103
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF4 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase RNF4 protein (1-103AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RNF4
Alternative Name:	RNF4 (RNF4 Products)
Background:	Background: E3 ubiquitin-protein ligase which binds polysumoylated chains covalently attached to proteins and mediates '\Lys-6\'-, '\Lys-11\'-, '\Lys-48\'- and '\Lys-63\'-linked polyubiquitination

Target Details

of those substrates and their subsequent targeting to the proteasome for degradation. Regulates the degradation of several proteins including PML and the transcriptional activator PEA3. Involved in chromosome alignment and spindle assembly, it regulates the kinetochore CENPH-CENPI-CENPK complex by targeting polysumoylated CENPI to proteasomal degradation. Regulates the cellular responses to hypoxia and heat shock through degradation of respectively EPAS1 and PARP1. Alternatively, it may also bind DNA/nucleosomes and have a more direct role in the regulation of transcription for instance enhancing basal transcription and steroid receptor-mediated transcriptional activation.

Aliases: E3 ubiquitin ligase RNF4 antibody, E3 ubiquitin protein ligase RNF4 antibody, Protein SNURF antibody, RES4 26 antibody, RING finger protein 4 antibody, Rnf4 antibody, RNF4_HUMAN antibody, SLX5 antibody, Small nuclear ring finger protein antibody, SNURF antibody

UniProt: [P78317](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.