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**Product Name: RNF4 Mouse Monoclonal Antibody****Catalog #: AMM86118**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	21.3kDa

**Antigen Information**

<b>Gene Name</b>	RNF4
<b>Alternative Names</b>	E3 ubiquitin-protein ligase RNF4, 6.3.2.-, RING finger protein 4, Small nuclear ring finger protein, Protein SNURF, RNF4, SNURF
<b>Gene ID</b>	6047.0
<b>SwissProt ID</b>	P78317
<b>Immunogen</b>	This RNF4 antibody is generated from a mouse immunized with a recombinant protein from the human region of human RNF4.

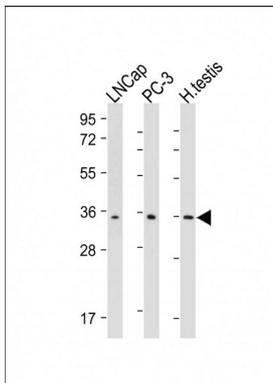
**Background**

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 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.

## Research Area

## Image Data



All lanes : Anti-RNF4 Antibody at 1:2000 dilution