



RNF138 Monoclonal Antibody

Catalog No	YP-mAb-01987
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RNF138
Immunogen	The antiserum was produced against synthesized peptide derived from human RNF138. AA range:31-80
Specificity	RNF138 Monoclonal Antibody detects endogenous levels of RNF138 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RNF138;E3 ubiquitin-protein ligase RNF138;NARF;HSD-4;HSD4;Nemo-like kinase-associated RING finger protein;NLK-associated RING finger protein;hNARF;RING finger protein 138
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	Chromosome . Recruited at DNA damage sites (PubMed:26502055). Localizes to sites of double-strand break: localization to double-strand break sites is mediated by the zinc fingers (PubMed:26502055, PubMed:26502057). .
Tissue Specificity	Placenta,Testis,Uterus,
Function	domain:The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme.,function:E3 ubiquitin-protein ligase. Together with NLK, involved in the ubiquitination and degradation of TCF/LEF. Also exhibits auto-ubiquitination activity in combination with UBE2K. May act as a negative regulator in the Wnt/beta-catenin-mediated signaling pathway.,pathway:Protein modification; protein ubiquitination.,PTM:Auto-ubiquitinated., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 1 RING-type zinc finger.,subunit:Interacts with nlk.,



Background

ring finger protein 138(RNF138) Homo sapiens The protein encoded by this gene contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-DNA and protein-protein interactions. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

