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ZNF313 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP5694b

Specification

ZNF313 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q9Y508
Other Accession	NP_061153.1

ZNF313 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 55905

Other Names
E3 ubiquitin-protein ligase RNF114, 632-, RING finger protein 114, Zinc finger protein 228, Zinc finger protein 313, RNF114, ZNF228, ZNF313

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZNF313 Antibody (C-term) Blocking peptide - Protein Information

Name RNF114

Synonyms ZNF228, ZNF313

Function
E3 ubiquitin-protein ligase that promotes the ubiquitination of various substrates (PubMed:23645206, PubMed:25165885). In turn, participates in the regulation of many biological processes including cell cycle, apoptosis, osteoclastogenesis as well as innate or adaptive immunity (PubMed:25165885, PubMed:28708287). Acts as a negative regulator of NF-kappa-B-dependent transcription by promoting the ubiquitination and stabilization of the NF-kappa-B inhibitor TNFAIP3 (PubMed:25165885). May promote the ubiquitination of TRAF6 as well (PubMed:28708287). Acts also as a negative regulator of T-cell activation (PubMed:25165885). Inhibits cellular dsRNA responses and interferon production by targeting MAVS component for

proteasomal degradation (PubMed:25165885). Ubiquitinates the CDK inhibitor CDKN1A leading to its degradationand probably also CDKN1B and CDKN1C (PubMed:23645206). This activity stimulates cell cycle G1-to-S phase transition and suppresses cellular senescence. May play a role in spermatogenesis.

Cellular Location
Cytoplasm. Nucleus

Tissue Location
Expressed in numerous tissues, including skin, CD4 lymphocytes and dendritic cells. Highest levels in testis

ZNF313 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ZNF313 Antibody (C-term) Blocking peptide - Images

ZNF313 Antibody (C-term) Blocking peptide - Background

ZNF313 is a novel human zinc finger protein gene that contains both ring finger and C(2)H(2) domain. It may play a role in spermatogenesis.

ZNF313 Antibody (C-term) Blocking peptide - References

Capon, F., et al. Hum. Mol. Genet. 17(13):1938-1945(2008)Ma, Y.X., et al. Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao 35(3):230-237(2003)Deloukas, P., et al. Nature 414(6866):865-871(2001)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)