

ZNF313 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5694B**Specification**

ZNF313 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9Y508
Other Accession	NP_061153.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25694
Antigen Region	167-193

ZNF313 Antibody (C-term) - 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

Target/Specificity

This ZNF313 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 167-193 amino acids from the C-terminal region of human ZNF313.

Dilution

WB~~1:1000

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZNF313 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF313 Antibody (C-term) - 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](#)). Also acts 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 degradation and 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

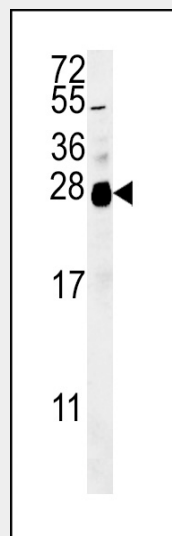
Tissue Location

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

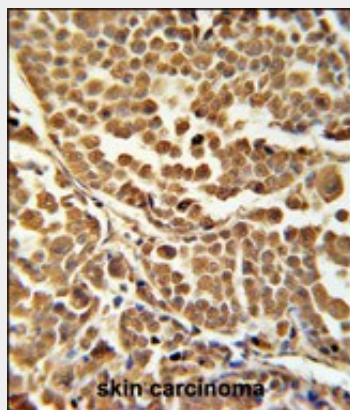
ZNF313 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZNF313 Antibody (C-term) - Images

ZNF313 Antibody (C-term) (Cat. #AP5694b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the ZNF313 antibody detected the ZNF313 protein (arrow).



ZNF313 Antibody (C-term) (Cat. #AP5694b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ZNF313 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ZNF313 Antibody (C-term) - 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) - 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)