

Anti-ZFP91 Antibody

Catalog # AP96129

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	Q96JP5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	63445

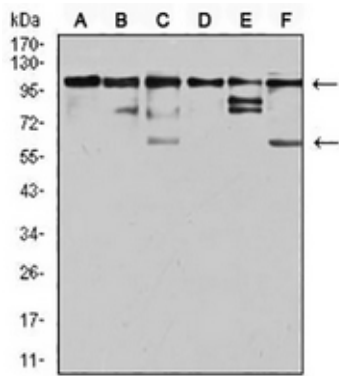
Additional Information

Gene ID	80829
Other Names	ZNF757; E3 ubiquitin-protein ligase ZFP91; Zinc finger protein 757; Zinc finger protein 91 homolog; Zfp-91
Target/Specificity	Recombinant fusion protein of human ZFP91 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

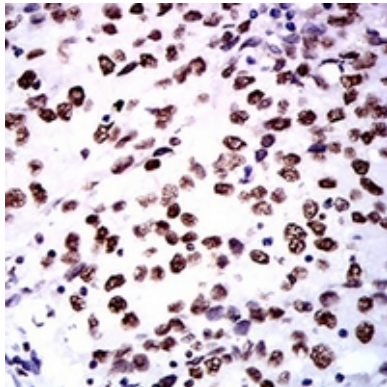
Protein Information

Name	ZFP91
Synonyms	ZNF757
Function	DNA-binding transcription factor (PubMed: 34936696 , PubMed: 40608935). Also acts as an atypical E3 ubiquitin-protein ligase that mediates 'Lys-63'-linked ubiquitination of MAP3K14/NIK, leading to stabilize and activate MAP3K14/NIK (PubMed: 20682767). It thereby acts as an activator of the non-canonical NF-kappa-B2/NFKB2 pathway (PubMed: 20682767). May also play an important role in cell proliferation and/or anti-apoptosis (PubMed: 12738986).
Cellular Location	Nucleus
Tissue Location	Expressed ubiquitously, particularly at high level in testis. Isoform 2 is testis specific

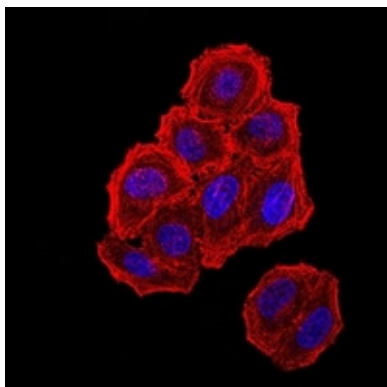
Images



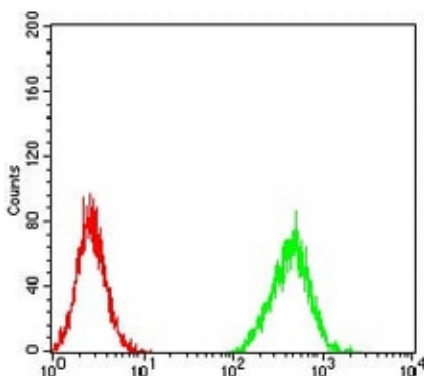
Western blot analysis of ZFP91 expression in Jurkat (A), A431 (B), HepG2 (C), HEK293 (D), A549 (E), PC3 (F) whole cell lysates. (Predicted band size: 63 kD; Observed band size: 63, 105 kD)



Immunohistochemical analysis of ZFP91 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ZFP91 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of HeLa cells using Anti-ZFP91 Antibody (green) and negative control (red).

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