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ZNF432 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10905

Product Information

Application	WB
Primary Accession	O94892
Other Accession	NM_014650, NP_055465
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74836

Additional Information

Gene ID	9668
Other Names	Zinc finger protein 432, ZNF432, KIAA0798
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ZNF432 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ZNF432 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF432 (HGNC:20810)
Synonyms	KIAA0798
Function	Homologous recombination repressor that functions as a poly(ADP-ribose) (PAR) reader regulating DNA damage response and PARP inhibition. Once recruited to DNA lesions via DNA-, in a PAR-dependent mechanism, stimulates PARP1 activity (PubMed:37823600). Binds preferentially ssDNA and inhibits EXO1-mediated resection, probably through a PAR-independent DNA-binding mechanism (PubMed:37823600).
Cellular Location	Nucleus. Note=Excluded from nucleolus (PubMed:37823600). Responds to DNA damage by relocating to damage sites, this relocation is PAR-dependent (PubMed:37823600).

References

Zhan,X. (2006) Anal. Biochem. 354 (2), 279-289 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-ZNF432 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human Intestine

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.