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ZNF365 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10262

Specification

ZNF365 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q70YC5
Other Accession	NM_199451, NP_955523
Reactivity	**Human, Mouse, Rat, Horse, Bovine, Dog**
Predicted	**Pig, Bovine, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51kDa KDa**

ZNF365 antibody - N-terminal region - Additional Information

Gene ID 22891

Alias Symbol	**UAN, Su48, ZNF365D**

Other Names
Protein ZNF365, Protein su48, ZNF365, KIAA0844

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-ZNF365 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
ZNF365 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF365 antibody - N-terminal region - Protein Information

Name ZNF365

Synonyms DBZ {ECO:0000303|PubMed:17389905}, KIAA0

Function
Involved in the regulation of neurogenesis. Negatively regulates neurite outgrowth (PubMed:17389905). Involved in the morphogenesis of basket cells in the somatosensory cortex during embryogenesis. Involved in the positive regulation of oligodendrocyte differentiation during postnatal growth. Involved in dendritic arborization, morphogenesis of spine density dendrite, and establishment of postsynaptic dendrite density in cortical pyramidal neurons (By similarity). Involved in homologous recombination (HR) repair pathway. Required for proper resolution of DNA double-strand breaks

(DSBs) by HR. Is required for recovery of stalled replication forks, and directly contributes to genomic stability. Interacts with PARP1 and mediates MRE11-dependent DNA end resection during replication fork recovery (PubMed:23966166). Contributes to genomic stability by preventing telomere dysfunction (PubMed:23776040).

Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=localizes to the centrosome at all stages of the cell cycle

Tissue Location
Isoform 1 is expressed in brain. Isoform 2 is expressed in placenta and at low level in lung and liver. Isoform 3 is expressed in kidney and pancreas. Isoform 1 is expressed exclusively in brain (PubMed:17389905).

ZNF365 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture