

**ZNF365 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10336****Specification****ZNF365 antibody - N-terminal region - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q70YC5</a>
Other Accession	<a href="#">NM_199450</a> , <a href="#">NP_955522</a>
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted Host	Pig, Bovine, Guinea Pig
Clonality	Rabbit
Calculated MW	Polyclonal 73kDa 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 50 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:&lt;a href="http://www.uniprot.org/citations/17389905" target="\_blank"&gt;17389905&lt;/a&gt;). 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:<a href="http://www.uniprot.org/citations/23966166" target="\_blank">23966166</a>). Contributes to genomic stability by preventing telomere dysfunction (PubMed:<a href="http://www.uniprot.org/citations/23776040" target="\_blank">23776040</a>).

#### **Cellular Location**

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

#### **Tissue Location**

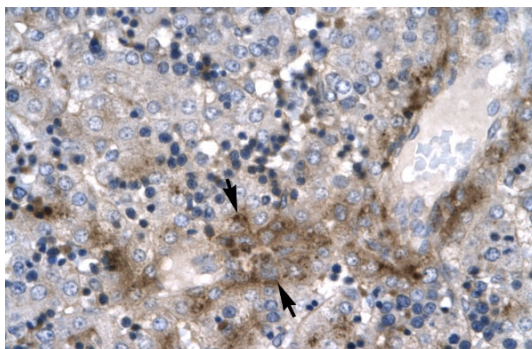
Isoform 1 is expressed in brain. Isoform 2 is expressed in placenta and at low level in lung and liver. Isoform 3 is expressed in kidney and pancreas. Isoform 1 is expressed exclusively in brain (PubMed:17389905).

### **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 Cytometry](#)
- [Cell Culture](#)





Rabbit Anti-ZNF365 Antibody

Catalog Number: AI10336

Paraffin Embedded Tissue: Human Liver

Cellular Data: Hepatocyte

Antibody Concentration: 4.-8. µg/ml

Magnification: 4X

#### **ZNF365 antibody - N-terminal region - References**

Gianfrancesco, F., et al., (2003) Am.J.Hum.Genet. 72(6), 1479-1491  
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.