

WDR73 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14548

Product Information

Application	WB
Primary Accession	Q6P4I2
Other Accession	NM_032856 , NP_116245
Reactivity	Human, Rabbit, Dog, Horse
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41685

Additional Information

Gene ID	84942
Alias Symbol	FLJ14888, HSPC264
Other Names	WD repeat-containing protein 73, WDR73
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-WDR73 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	WDR73 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	WDR73 {ECO:0000303 PubMed:25466283, ECO:0000312 HGNC:HGNC:25928}
Function	Component of a multiprotein complex required for the assembly of the RNA endonuclease module of the integrator complex (PubMed: 39032489). Associates with INTS9 and INTS11 in the cytoplasm, stabilizing the INTS9-INTS11 heterodimer and blocking the active site of INTS11 (PubMed: 39032489). BRAT1 then joins the complex and plugs the active site of INTS11, leading to WDR73 release and nuclear import of INTS9 and INTS11 (PubMed: 39032489).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Cleavage furrow. Note=During interphase, located in the cytoplasm

(PubMed:25466283). During mitosis, accumulates at the spindle poles and microtubule asters and later in the cleavage furrow (PubMed:25466283).

Tissue Location

Expressed in kidney and brain. In the kidney, expressed in glomeruli, most probably in podocytes, and in tubules (at protein level). In the brain, expressed in the cerebellum, with high levels in Purkinje cells and their projecting axons, in the deep cerebellar nuclei and in pyramidal neurons of the cerebral cortex (at protein level). In the white matter, mainly present in astrocytes, but not in oligodendrocytes (at protein level). Also highly expressed in endothelial cells of cerebral capillaries (at protein level)

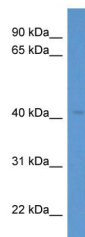
References

Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



WB Suggested Anti-WDR73 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:62500
Positive Control: Human Liver

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