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WDR92 Antibody

Catalog # ASC11184

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q96MX6
Other Accession	NP_612467, 24308444
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	39740
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	WDR92 antibody can be used for detection of WDR92 by Western blot at 1 - 2 g/mL. Antibody can also be used for immunohistochemistry starting at 10 g/mL. For immunofluorescence start at 20 g/mL.

Additional Information

Gene ID	116143
Other Names	WD repeat-containing protein 92, WD repeat-containing protein Monad, WDR92
Target/Specificity	WDR92;
Reconstitution & Storage	WDR92 antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	WDR92 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DNAAF10 (HGNC:25176)
Synonyms	WDR92
Function	Key assembly factor specifically required for the stability of axonemal dynein heavy chains in cytoplasm.
Cellular Location	Dynein axonemal particle {ECO:0000250|UniProtKB:A8J3F6}
Tissue Location	Widely expressed with the highest expression in testis.

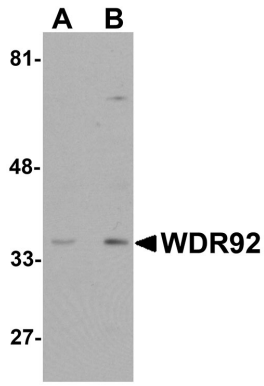
Background

WDR92 Antibody: WD40 repeats are a common structural module in eukaryotic proteins, and proteins containing WD40 domains have a wide range of functions, including signal transduction, cell cycle regulation, RNA splicing, and transcription. One such protein, WDR92, also known as monad, contains two WD40 repeats is widely expressed in human tissues, especially testis. Overexpression of this protein or its binding partner RNA polymerase II-associated protein 3 (RPAP3) potentiated apoptosis and caspase-3 activation induced by TNF-α and cycloheximide, suggesting that WDR92, together with RPAP3, may function as a novel modulator of apoptosis.

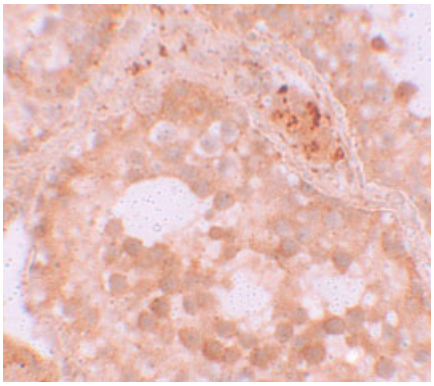
References

Saeki M, Irie Y, Ni L, et al. Monad, a WD40 repeat protein, promotes apoptosis induced by TNF-alpha. Biochem. Biophys. Res. Commun.2006; 342:568-72.
Itsuki Y, Saeki M, Nakahara H, et al. Molecular cloning of novel Monad binding protein containing tetratricorticopeptide repeat domains. FEBS Lett.582:2365-70.

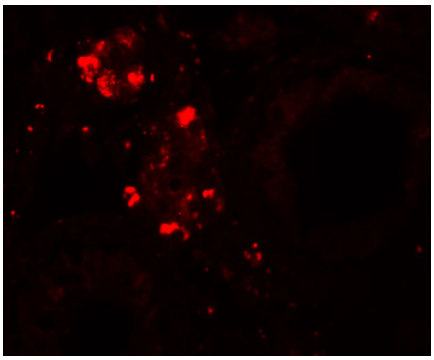
Images



Western blot analysis of WDR92 in human kidney tissue lysate with WDR92 antibody at (A) 1 and (B) 2 µg/mL.



Immunohistochemistry of WDR92 in human testis tissue with WDR92 antibody at 10 µg/mL.



Immunofluorescence of WDR92 in human testis tissue with WDR92 antibody at 20 µg/mL.

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