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WDR92 Antibody
Catalog # ASC11184

Specification

WDR92 Antibody - Product Information

Application	**WB, IHC, IF**
Primary Accession	Q96MX6
Other Accession	NP_612467, 24308444
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**WDR92 antibody can be used for detection of WDR92 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL.**

WDR92 Antibody - Additional Information

Gene ID	**116143**

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.

WDR92 Antibody - 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.

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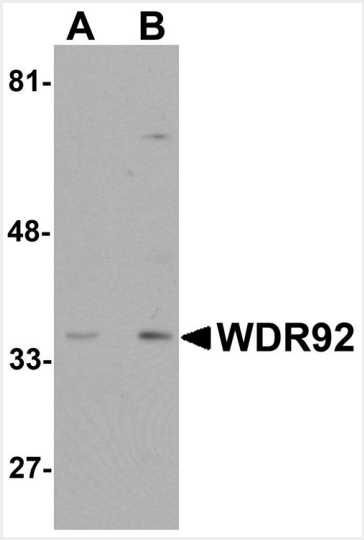
WDR92 Antibody - Protocols

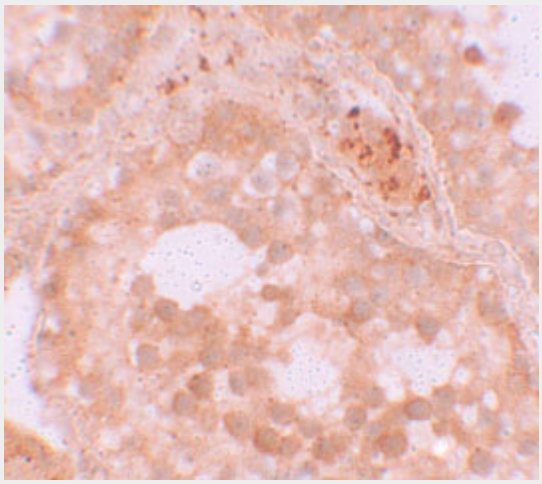
Provided below are standard protocols that you may find useful for product applications.

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

WDR92 Antibody - 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.

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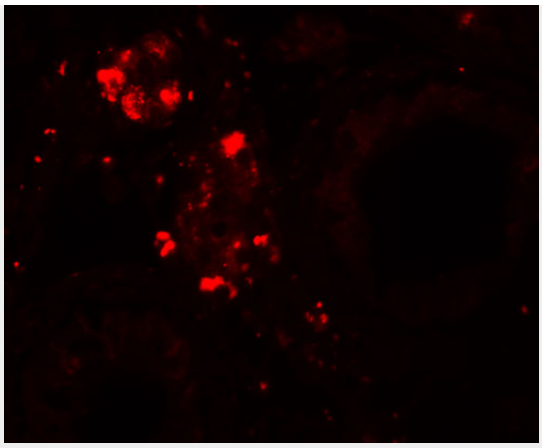

Immunofluorescence of WDR92 in human testis tissue with WDR92 antibody at 20 µg/mL.

WDR92 Antibody - 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.

WDR92 Antibody - 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.