

Product datasheet for **TA387836**

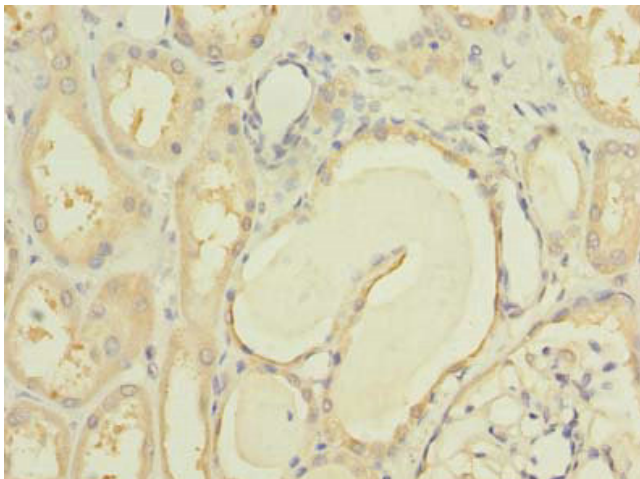
MCM9 Rabbit Polyclonal Antibody

Product data:

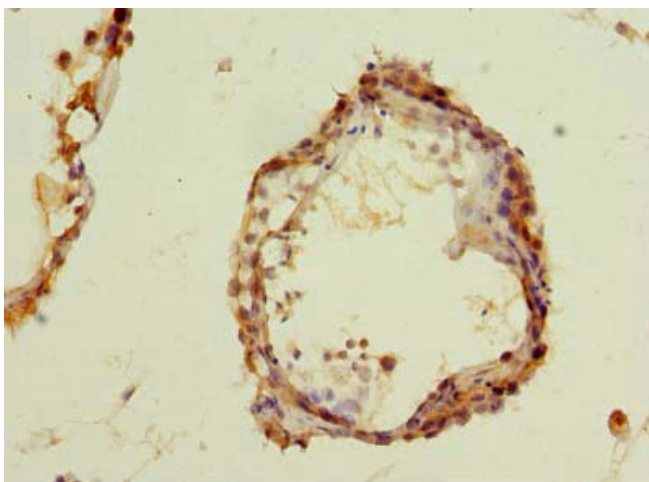
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human DNA helicase MCM9 protein (1-391AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q9NXL9
Background:	Component of the MCM8-MCM9 complex, a complex involved in homologous recombination repair following DNA interstrand cross-links and plays a key role during gametogenesis. The MCM8-MCM9 complex probably acts as a hexameric helicase downstream of the Fanconi anemia proteins BRCA2 and RAD51 and is required to process aberrant forks into homologous recombination substrates and to orchestrate homologous recombination with resection, fork stabilization and fork restart.



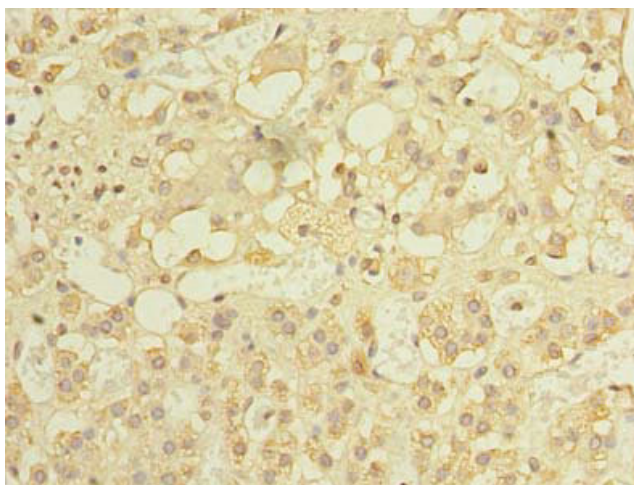
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Product images:

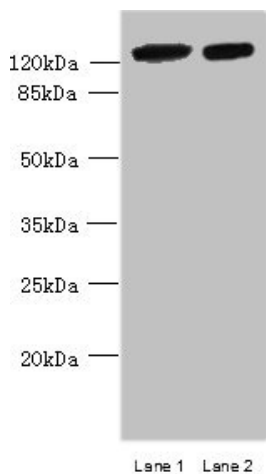
Immunohistochemistry of paraffin-embedded human kidney tissue using TA387836 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human testis tissue using TA387836 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human adrenal gland tissue using TA387836 at dilution of 1: 100



Western blot

All lanes: MCM9 antibody at 0.8 μ g/ml

Lane 1: Mouse brain tissue

Lane 2: 293T whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 128, 73, 44, 85 kDa

Observed band size: 128 kDa