

Product datasheet for **TA386789**

DDX11 Rabbit Polyclonal Antibody

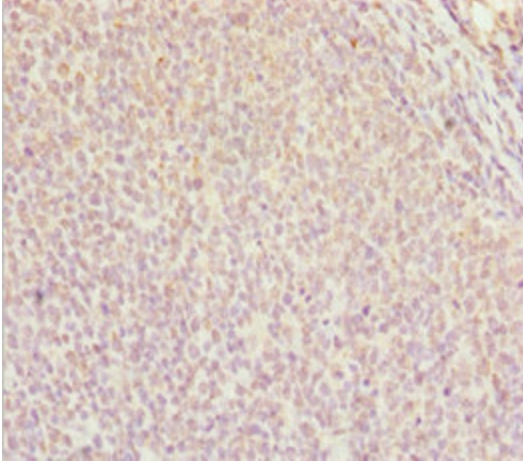
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human ATP-dependent DNA helicase DDX11 protein (1-220AA)
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q96FC9
Background:	DNA helicase involved in cellular proliferation. Possesses DNA-dependent ATPase and helicase activities. This helicase translocates on single-stranded DNA in the 5' to 3' direction in the presence of ATP and, to a lesser extent, dATP. Its unwinding activity requires a 5'-single-stranded region for helicase loading, since flush-ended duplex structures do not support unwinding. The helicase activity is capable of displacing duplex regions up to 100 bp, which can be extended to 500 bp by RPA or the cohesion establishment factor, the Ctf18-RFC (replication factor C) complex activities. Stimulates the flap endonuclease activity of FEN1. Required for normal sister chromatid cohesion. Required for recruitment of bovine papillomavirus type 1 regulatory protein E2 to mitotic chromosomes and for viral genome maintenance. Required for maintaining the chromosome segregation and is essential for embryonic development and the prevention of aneuploidy. May function during either S, G2, or M phase of the cell cycle. Binds to both single- and double-stranded DNA.

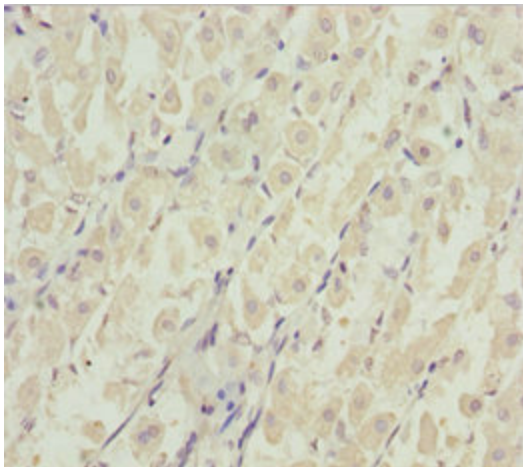


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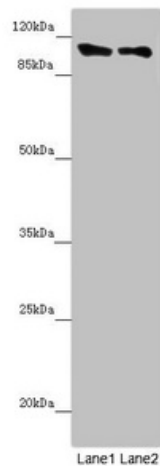
Product images:



Immunohistochemistry of paraffin-embedded human tonsil tissue using TA386789 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human gastric cancer using TA386789 at dilution of 1:100



Western blot
 All lanes: DDX11 antibody at 8.47 μ g/ml
 Lane 1: Mouse gonadal tissue
 Lane 2: K562 whole cell lysate
 Secondary
 Goat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size: 109, 102, 99, 97, 33 kDa
 Observed band size: 109 kDa