Datasheet for ABIN629624

anti-XRCC6 antibody (N-Term)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	XRCC6
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	G22 P1 antibody was raised using the N terminal Of G22 1 corresponding to a region with amino acids NFKNIYVLQELDNPGAKRILELDQFKGQQGQKRFQDMMGHGSDYSLSEVL
Specificity:	G22 P1 antibody was raised against the N terminal Of G22 1
Purification:	Purified

Target Details

Target:	XRCC6
Alternative Name:	G22P1 (XRCC6 Products)
Background:	The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of

Target Details

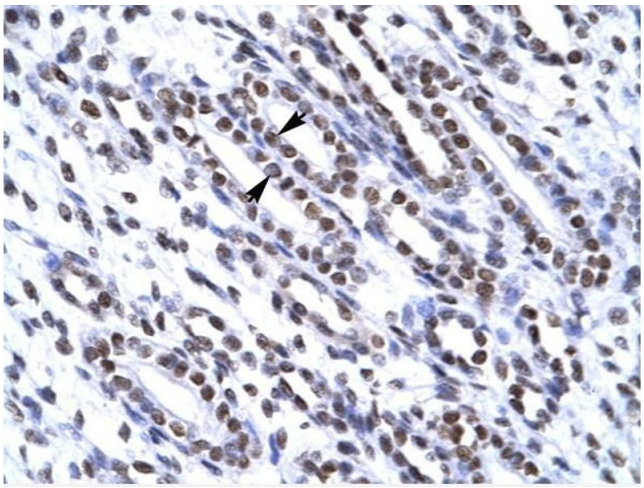
	nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.
Molecular Weight:	70 kDa (MW of target protein)
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB: 0.6 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	G22P1 Blocking Peptide, catalog no. 33R-6687, is also available for use as a blocking control in assays to test for specificity of this G22P1 antibody
Restrictions:	For Research Use only

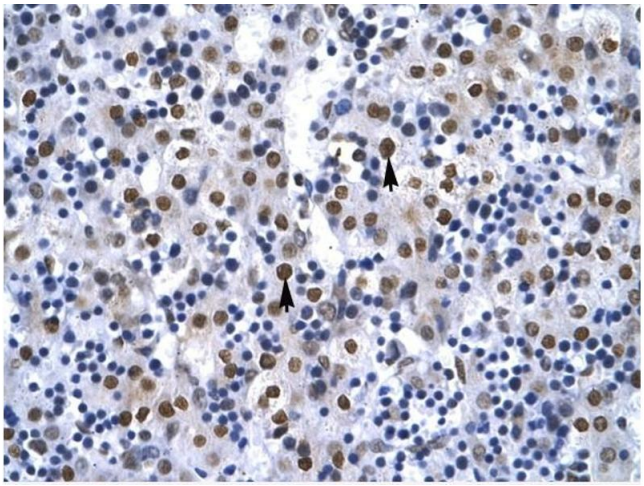
Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of G20 1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



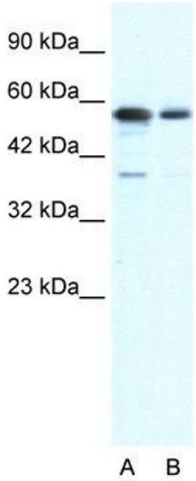
Immunohistochemistry

Image 1. G22P1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Immunohistochemistry

Image 2. G22P1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Hepatocytes arrows) in Human Liver. Magnification is at 400X.



Western Blotting

Image 3. G22P1 antibody used at 0.6 ug/ml to detect target protein.