

Datasheet for ABIN351537 anti-ERCC3 antibody (AA 242-261)



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2 Images

Overview

Quantity:	50 µg
Target:	ERCC3
Binding Specificity:	AA 242-261
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ERCC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide corresponding to aa242-261 of human ERCC-3. Type of Immunogen: Synthetic peptide
Clone:	3G4
Isotype:	IgG2b
Specificity:	Recognizes an epitope located between aa242-261 of ERCC-3 (largest subunit of TFIIH).
Purification:	Protein G purified

Target Details

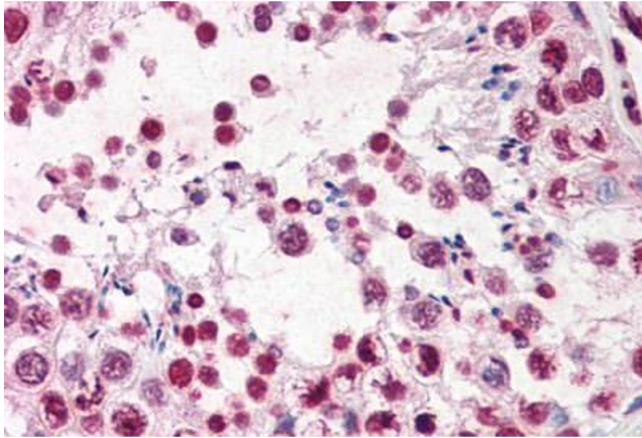
Target:	ERCC3
Alternative Name:	ERCC3 / XPB (ERCC3 Products)
Background:	Name/Gene ID: ERCC3 Synonyms: ERCC3, BTF2, GTF2H, RAD25, TFIIH p89, TFIIH, XPB, BTF2 p89, XPBC, TFIIH 89 kDa subunit
Gene ID:	2071
UniProt:	P19447
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (5 - 10 µg/mL), IP, WB Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5-10 µg/mL. Immunoprecipitation: Immunoprecipitates transcriptionally active TFIIH in a reconstituted assay.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

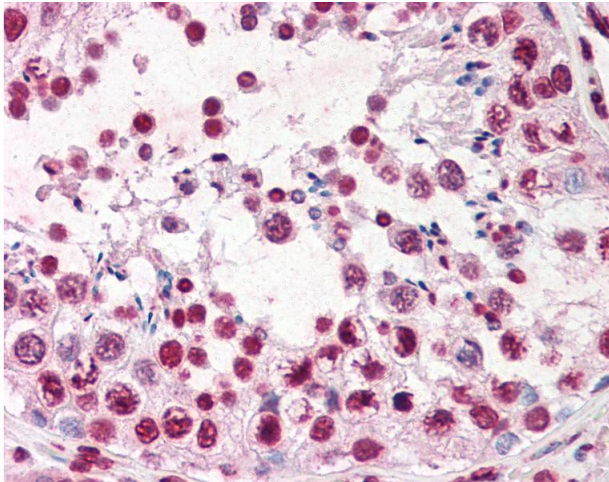
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-HCl, pH 7.5. Sourced from ascites.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Testis (formalin-fixed, paraffin-embedded) stained with ERCC3 antibody ABIN351537 at 5-10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-ERCC3 / XPB antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.