

## ARG59617 anti-XPB antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes XPB
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	XPB
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 512-782 of Human XPB (NP_000113.1).
Conjugation	Un-conjugated
Alternate Names	TFIIH 89 kDa subunit; TFIIH basal transcription factor complex helicase XPB subunit; TTD2; RAD25; TFIIH p89; TFIIH basal transcription factor complex 89 kDa subunit; BTF2; Basic transcription factor 2 89 kDa subunit; XPB; BTF2 p89; DNA repair protein complementing XP-B cells; Xeroderma pigmentosum group B-complementing protein; EC 3.6.4.12; TFIIH; GTF2H; DNA excision repair protein ERCC-3

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat kidney, Mouse kidney and Jurkat	
Observed Size	89 kDa	

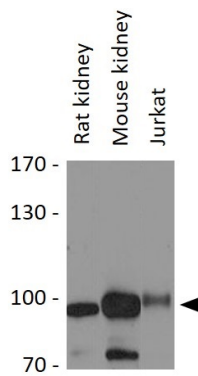
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	ERCC3
Gene Full Name	excision repair cross-complementation group 3
Background	This gene encodes an ATP-dependent DNA helicase that functions in nucleotide excision repair. The encoded protein is a subunit of basal transcription factor 2 (TFIIH) and, therefore, also functions in class II transcription. Mutations in this gene are associated with Xeroderma pigmentosum B, Cockayne's syndrome, and trichothiodystrophy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
Function	ATP-dependent 3'-5' DNA helicase, component of the core-TFIIH basal transcription factor, involved in nucleotide excision repair (NER) of DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. Acts by opening DNA either around the RNA transcription start site or the DNA damage. [UniProt]
Calculated Mw	89 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



ARG59617 anti-XPB antibody WB image

Western blot: 25 µg of Rat kidney, Mouse kidney and Jurkat cell lysates stained with ARG59617 anti-XPB antibody at 1:3000 dilution.