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Datasheet for ABIN920199

anti-ERCC3 antibody (AA 601-700) (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	ERCC3
Binding Specificity:	AA 601-700
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC3 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human XPB/ERCC3
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ERCC3
Alternative Name:	XPB (ERCC3 Products)

Target Details

Background: Synonyms: XPB, BTF2, GTF2H, RAD25, TFIIH, TFIIH basal transcription factor complex helicase XPB subunit, Basic transcription factor 2 89 kDa subunit, BTF2 p89, DNA excision repair protein ERCC-3, DNA repair protein complementing XP-B cells, TFIIH basal transcription factor complex 89 kDa subunit, TFIIH 89 kDa subunit, TFIIH p89, Xeroderma pigmentosum group B-complementing protein, ERCC3, XPBC

Background: 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.

Gene ID: 2071

UniProt: [P19447](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months