

## ERCC2 Polyclonal Antibody

Cat #: ABP58495

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> ERCC2 Polyclonal Antibody		
	<b>Applications:</b> WB, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse		
<b>REF</b>	<b>Catalog Number:</b> ABP58495	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** ERCC2 functions as a DNA repair gene involved in separating the double helix via 5'-3' helicase activity. It forms a part of the transcription factor II Human (TFIIC) complex and is ATP-dependent. The TFIIC complex is known to be involved in the nucleotide excision repair pathway (NER) which can repair DNA damage caused by chemotherapeutic treatment and basal transcription. ERCC2 variants have been observed in a variety of cancers. A number of studies have suggested ERCC2 variants can act as biomarkers to predict response to neoadjuvant treatment, and cancer prognosis. Additionally the Lys751Gln polymorphism has been observed to increase risk in a number of cancer types; however, results have been conflicting.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.