

Immunotag™ NEIL2 Antibody

Antibody Specification	
Catalog No.	ITA9240
Product Description	Immunotag™ NEIL2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NEIL2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NEIL2
Specificity	NEIL2 Antibody detects endogenous levels of total NEIL2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NEIL2
Accession No.	Q969S2
Alternate Names	DNA glycosylase/AP lyase Neil2; DNA-(apurinic or apyrimidinic site) lyase Neil2; Endonuclease 8-like 2; Endonuclease VIII-like 2; NEH2; Nei endonuclease VIII like 2 (E. coli); Nei endonuclease VIII like 2; Nei homolog 2; Nei-like 2; Nei-like protein 2; NEI2; NEIL2; NEIL2_HUMAN;

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Description	Involved in base excision repair of DNA damaged by oxidation or by mutagenic agents. Has DNA glycosylase activity towards 5-hydroxyuracil and other oxidized derivatives of cytosine with a preference for mismatched double-stranded DNA (DNA bubbles). Has low or no DNA glycosylase activity towards thymine glycol, 2-hydroxyadenine, hypoxanthine and 8-oxoguanine. Has AP (apurinic/aprimidinic) lyase activity and introduces nicks in the DNA strand. Cleaves the DNA backbone by beta-delta elimination to generate a single-strand break at the site of the removed base with both 3'- and 5'-phosphates.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	37 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.