

Immunotag™ NEIL3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3031
Product Description	Immunotag™ NEIL3 Polyclonal Antibody
Size	50 µg, 100 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	NEIL-3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human NEIL3. AA range:491-540
Specificity	NEIL3 Polyclonal Antibody detects endogenous levels of NEIL3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NEIL3
Accession No.	Q8TAT5 Q8K203
Alternate Names	NEIL3; Endonuclease 8-like 3; DNA glycosylase FPG2; DNA glycosylase/AP lyase Neil3; Endonuclease VIII-like 3; Nei-like protein 3

Antibody Specification

Description	nei like DNA glycosylase 3(NEIL3) Homo sapiens NEIL3 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction (Bandaru et al., 2002 [PubMed 12509226]).[supplied by OMIM, Mar 2008],
Cell Pathway/ Category	Base excision repair,
Protein Expression	B-cell,Skin,
Subcellular Localization	nucleus,nucleoplasm,
Protein Function	function:Reports about DNA glycosylase activity are contradictory. The protein lacks a proline residue at the N-terminus that is the active site residue found in the other members of the FPG family.,similarity:Belongs to the FPG family.,similarity:Contains 1 FPG-type zinc finger.,similarity:Contains 1 RanBP2-type zinc finger.,tissue specificity:Detected in thymus and testis.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.