

## Antibodies Product Datasheet

<b>Product Name:</b>	DNA Ligase IV (Phospho-Thr650) Antibody
<b>Catalog Number:</b>	A1197
<b>Reactivity:</b>	Human, Rat, Mouse
<b>Applications:</b>	IHC-p, IF(paraffin section), ELISA
<b>Dilutions:</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Modification:</b>	Phospho Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human DNA Ligase 4 around the phosphorylation site of Thr650. AA range:616-665
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	LIG4
<b>Protein Name:</b>	DNA ligase 4
<b>Other Name:</b>	LIG4; DNA ligase 4; DNA ligase IV; Polydeoxyribonucleotide synthase [ATP] 4
<b>Human Swiss Prot No.:</b>	P49917
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Phospho-DNA Ligase IV (T650) Polyclonal Antibody detects endogenous levels of DNA Ligase IV protein only when phosphorylated at T650.
<b>Storage and Stability:</b>	-20°C/1 year