

兔抗 DUT 多克隆抗体

中文名称: 兔抗 DUT 多克隆抗体

英文名称: Anti-DUT rabbit polyclonal antibody

别名: deoxyuridine triphosphatase; dUTPase

相关类别: 一抗

储存: 冷冻 (-20℃)

宿主: Rabbit

抗原: DUT

反应种属: Human, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

Background:

This gene encodes an essential enzyme of nucleotide metabolism. The encoded protein forms a ubiquitous, homotetrameric enzyme that hydrolyzes dUTP to dUMP and pyrophosphate. This reaction serves two cellular purposes: providing a precursor (dUMP) for the synthesis of thymine nucleotides needed for DNA replication, and limiting intracellular pools of dUTP. Elevated levels of dUTP lead to increased incorporation of uracil into DNA, which induces extensive excision repair mediated by uracil glycosylase. This repair process, resulting in the removal and reincorporation of dUTP, is self-defeating and leads to DNA fragmentation and cell death. Alternative splicing of this gene leads to d

	ifferent isoforms that localize to either the mitochondrion or nucleus. A related pseudogene is located on chromosome 19.
Applications:	ELISA, IHC
Name of antibody:	DUT
Immunogen:	Fusion protein of human DUT
Full name:	deoxyuridine triphosphatase
Synonyms:	dUTPase
SwissProt:	P33316
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human tonsil
IHC Recommend dilution:	50-300

