



Anti-INO80 polyclonal antibody (DPABH-21618)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	DNA helicase and probable main scaffold component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair; according to PubMed:20687897 the contribution to DNA double-strand break repair appears to be largely indirect through transcriptional regulation. Recruited by YY1 to YY1-activated genes, where it acts as an essential coactivator. Binds DNA. In vitro, has double stranded DNA-dependent ATPase activity. Involved in UV-damage excision repair, DNA replication and chromosome segregation during normal cell division cycle.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 1500 to the C-terminus of Human INO80.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-Fr
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	INO80 INO81 complex subunit [Homo sapiens]
Official Symbol	INO80
Synonyms	INO80; INO80 complex subunit; INOC1; INO80A; hINO80; DNA helicase INO80; INO80 homolog; homolog of yeast INO80; INO80 complex subunit A; putative DNA helicase INO80 complex homolog 1;
Entrez Gene ID	54617
Protein Refseq	NP_060023.1
UniProt ID	A0A024R9R7
Function	ATP binding; ATPase activity; DNA binding; DNA helicase activity