



# Anti-INO80 polyclonal antibody (DPABH-21618)

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

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | 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. |
| <b>Immunogen</b>           | Synthetic peptide conjugated to KLH derived from within residues 1500 to the C-terminus of Human INO80.   |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Rabbit  |
| <b>Species Reactivity</b>  | Human   |
| <b>Purification</b>        | Immunogen affinity purified   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | ICC/IF, WB, IHC-Fr  |
| <b>Format</b>              | Liquid  |
| <b>Size</b>                | 100 µg  |
| <b>Buffer</b>              | pH: 7.40; Constituent: PBS  |
| <b>Preservative</b>        | 0.02% Sodium Azide  |
| <b>Storage</b>             | 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       | <a href="#">INO80 INO81 complex subunit [ Homo sapiens ]</a>  |
| 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  | <a href="#">54617</a>   |
| Protein Refseq  | <a href="#">NP_060023.1</a>   |
| UniProt ID      | <a href="#">A0A024R9R7</a>  |
| Function        | ATP binding; ATPase activity; DNA binding; DNA helicase activity  |