



Anti-USP51 (aa 211-343) polyclonal antibody (DPABH-15308)

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

PRODUCT INFORMATION

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| Antigen Description | Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the H2B histone family that is specifically expressed in sperm nuclei. A polymorphism in the 5' UTR of this gene is associated with male infertility.[provided by RefSeq, Jan 2010] |
| Immunogen | Recombinant fragment: LRLIYQRFVW SGTPEPTRKRK AKSCICHVCS THMNRLHSCL SCVFFGCFTE KHIHKHAETK QHHLAVDLYH GVIYCFMCKD VVYDKDIEQI AKETKEKILR LLTSTSTDVS HQQFMTSGFE DKQSTCETKE QEP, corresponding to internal sequence amino acids 211-343 of Human USP51 (UniProt ID: Q70EK9). |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | ICC/IF, WB, IHC-P |
| Format | Liquid |
| Size | 100 µl |

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| Buffer | pH: 7.20; Constituents: 59% PBS, 40% Glycerol |
| Preservative | 0.02% Sodium Azide |
| Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | USP51 ubiquitin specific peptidase 52 [Homo sapiens] |
| Official Symbol | USP51 |
| Synonyms | USP51; ubiquitin specific peptidase 51; ubiquitin carboxyl-terminal hydrolase 51; ubiquitin thioesterase 51; deubiquitinating enzyme 51; ubiquitin thiolesterase 51; ubiquitin-specific-processing protease 51; |
| Entrez Gene ID | 158880 |
| Protein Refseq | NP_958443.1 |
| UniProt ID | Q70EK9 |
| Function | ubiquitin-specific protease activity; zinc ion binding; |