

Mouse anti-Human CCDC111 Monoclonal Antibody | anti-CCDC111 antibody

CCDC111 Antibody

CATALOG # AAA311895	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunocytochemistry
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PRODUCT SYNONYMS

CCDC111; Monoclonal Antibody; CCDC111 Antibody; CC111_HUMAN antibody; CCDC111 antibody; Coiled coil domain containing 111 antibody; Coiled-coil domain-containing protein 111 antibody; DNA-directed primase/polymerase protein antibody; MYP22 antibody; Primase and polymerase (DNA directed) antibody; PRIMPOL antibody; anti-CCDC111 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	10-B3
Purity/Purification	ProG affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CCDC111 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining CCDC111 in HepG2 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colonic tissue using anti-CCDC111 mouse monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCDC111 antibody	DNA primase and DNA polymerase able to initiate de novo DNA synthesis using dNTPs. PRIMPOL shows a high capacity to tolerate DNA damage lesions such as 8oxoG and abasic sites in DNA. It is involved in translesion synthesis via its primase activity by mediating uninterrupted fork progression after programmed or damage-induced fork arrest and by reinitiating DNA synthesis after dNTP depletion. PRIMPOL is required for mitochondrial DNA (mtDNA) synthesis, suggesting it may be involved in DNA tolerance during the replication of mitochondrial DNA. PRIMPOL has non-overlapping function with POLH.
Product Categories/Family for anti-CCDC111 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749373
NCBI GeneID	201973
NCBI Accession #	NP_689896.1
NCBI GenBank Nucleotide #	NM_152683.3
UniProt Accession #	Q96LW4; Q5HYJ9; D3DP55; D6RDM1
Molecular Weight	64,383 Da
NCBI Official Full Name	DNA-directed primase/polymerase protein isoform 1
NCBI Official Synonym Full Names	primase and polymerase (DNA-directed)
NCBI Official Symbol	PRIMPOL
NCBI Official Synonym Symbols	MYP22; CCDC111
NCBI Protein Information	DNA-directed primase/polymerase protein; hPrimpol1; coiled-coil domain containing 111; coiled-coil domain-containing protein 111
UniProt Protein Name	DNA-directed primase/polymerase protein
UniProt Gene Name	PRIMPOL
UniProt Synonym Gene Names	CCDC111; hPrimpol1
UniProt Entry Name	PRIPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ccdc111-antibody-clone-10-b3-immunohistochemistry-immunocytochemistry-elisa/311895>