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Datasheet for ABIN7453837 **anti-ORC3 antibody (AA 325-375)**

Overview

Quantity:	20 µg
Target:	ORC3
Binding Specificity:	AA 325-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-ORC3 Antibody, Affinity Purified
Immunogen:	between AA 325 and 375
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ORC3
Alternative Name:	ORC3 (ORC3 Products)
Background:	Background: The origin recognition complex (ORC) is a highly conserved six subunits protein

Target Details

complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. ORC3 is also known as ORC3L and is a subunit of the human ORC complex. ORC3L forms a core complex with ORC2L, -4L, and -5L [taken from NCBI Entrez Gene (GeneID: 23595)].

Gene ID: 23595

NCBI Accession: [NP_036513](#)

UniProt: [Q9UBD5](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Feeding Behaviour](#), [Synthesis of DNA](#)

Application Details

Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: Not recommended
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months