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## Datasheet for ABIN7115828 **anti-LRWD1 antibody**

### Overview

Quantity:	100 µg
Target:	LRWD1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRWD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	leucine-rich repeats and WD repeat domain containing 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	LRWD1
Alternative Name:	LRWD1 ( <a href="#">LRWD1 Products</a> )
Background:	Synonyms:CENP-33, ORCA Background:Required for G1/S transition. Recruits and stabilizes the origin recognition complex(ORC) onto chromatin during G1 to establish pre-replication complex(preRC) and to heterochromatic sites in post-replicated cells. Binds a combination of DNA and histone methylation repressive marks on heterochromatin. Binds histone H3 and H4

## Target Details

	trimethylation marks H3K9me3, H3K20me3 and H4K27me3 in a cooperative manner with DNA methylation. Required for silencing of major satellite repeats. May be important ORC2, ORC3 and ORC4 stability.
Molecular Weight:	85 kDa
Gene ID:	222229
UniProt:	<a href="#">Q9UFC0</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months