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Datasheet for ABIN7454733 **anti-PALB2 antibody (AA 675-725)**

Overview

Quantity:	100 µg
Target:	PALB2
Binding Specificity:	AA 675-725
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PALB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-PALB2 Antibody, Affinity Purified
Immunogen:	between AA 675 and 725
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PALB2
Alternative Name:	PALB2 (PALB2 Products)
Background:	Background: PALB2 (partner and localizer of BRCA2) interacts with BRCA2 and promotes

Target Details

BRCA2 localization and stability. PALB2 is also known as FANCN. Bi-allelic mutations in PALB2 result in Fanconi anemia disorder and breast cancer susceptibility. At the cellular level, PALB2 is important to the DNA damage response and chromosome stability and is essential to BRCA2 function.

Gene ID: 79728

NCBI Accession: [NP_078951](#)

UniProt: [Q86YC2](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 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