

Product datasheet for **TA306814**

PALB2 Rabbit Polyclonal Antibody

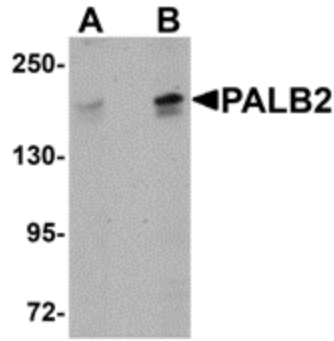
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PALB2 antibody was raised against a 15 amino acid peptide from near the carboxy terminus of human PALB2.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	partner and localizer of BRCA2
Database Link:	NP_078951 Entrez Gene 233826 MouseEntrez Gene 293452 RatEntrez Gene 79728 Human Q86YC2
Background:	The breast cancer early onset proteins BRCA1 and BRCA2 are central to the repair of DNA damage by homologous recombination and are strongly associated with inherited breast and ovarian cancer. The protein PALB2 is required for the localization of BRCA2 to sites of DNA damage and like BRCA1 and 2 is a breast cancer susceptibility gene. PALB2 is thought to function through directly binding to BRCA1, which allows the PALB2 protein to organize BRCA2 and the recombinase RAD51 at the site of DNA damage. Analysis of the BRCA1-PALB2-BRCA2-RAD51 network may allow predictions to be made of the responsiveness of a particular tumor to therapeutic treatments. At least four isoforms of PALB2 are known to exist.
Synonyms:	FANCN; PNCA3



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Product images:



Western blot analysis of PALB2 in SK-N-SH cell lysate with PALB2 antibody at (A) 1 and (B) 2 ug/ml.

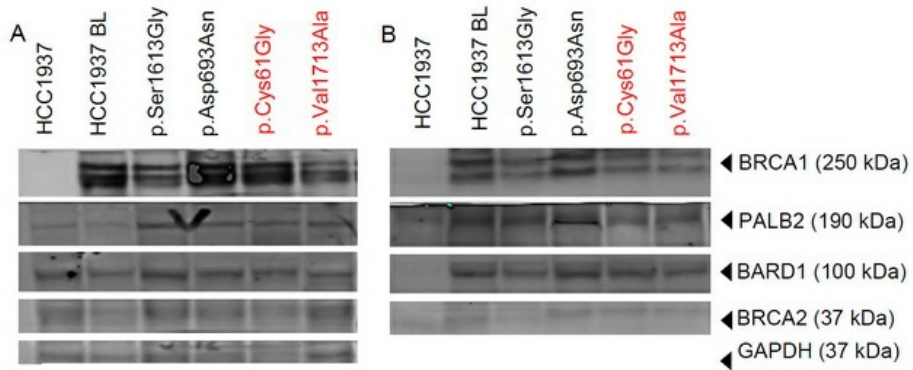


Figure from citation: Co-immunoprecipitation Western blot analysis of proteins from different cell lines using BRCA1 pulldown and probing with anti-BRCA1, PALB2, BARD1, and BRCA2 antibodies. [View Citation](#)