

PALLD polyclonal antibody

Catalog: BS60777

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Palladin, also known as PALLD, PNCA1 or SIH002, is a 1,383 amino acid protein that localizes to both the cytoplasm and the cytoskeleton and contains five immunoglobulin (Ig)-like domains. Expressed as several alternatively spliced isoforms that are found in kidney, prostate, ovary and colon, palladin functions as a cytoskeletal protein that is required both for the organization of the Actin cytoskeleton, as well as for the establishment of proper cell motility, cell adhesion and cell-matrix interactions. Palladin interacts with Eps8, LASP-1 and VASP and may also play a role in cytoskeletal scaffolding and Actin remodeling. In response to DNA damage, palladin is subject to phosphorylation on select serine residues. Defects in the gene encoding palladin may increase genetic susceptibility to pancreatic cancer, strongly suggesting a role for palladin in tumorigenesis.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 151 kDa

Swiss-Prot:

Q8WX93

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

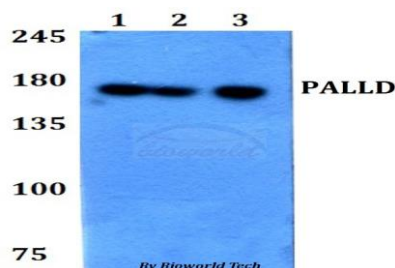
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PALLD polyclonal antibody detects endogenous levels of PALLD protein.

DATA:



Western blot (WB) analysis of PALLD polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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