

Rabbit anti-Human PDXDC1 Polyclonal Antibody | anti-PDXDC1 antibody

Anti-PDXDC1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256352	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

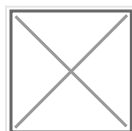
PRODUCT SYNONYMS

PDXDC1; Polyclonal Antibody; Anti-PDXDC1 Antibody; Rabbit Polyclonal; PDXDC1 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-PDXDC1 antibody

PRODUCT SPECIFICATIONS

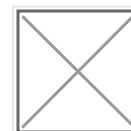
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PDXDC1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PDXDC1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human PDXDC1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PDXDC1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

PDXDC1 was immunoprecipitated using: Lane A: 0.5 mg U-251MG Whole Cell Lysate, 4 uL anti-PDXDC1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PDXDC1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 87 kDa. Observed band size: 95 kDa.



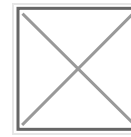
IF (Immunofluorescence)

Immunofluorescence staining of PDXDC1 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PDXDC1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to Golgi apparatus.



IHC (Immunohistochemistry)

Immunochemical staining of human PDXDC1 in human testis with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PDXDC1 rabbit polyclonal antibody at 1:500 dilution Lane A: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 87 kDa Observed band size: 94 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDXDC1 antibody	PDXDC1 (Pyridoxal Dependent Decarboxylase Domain Containing 1, also known as LP8165) is located on human chromosome 16p13.11. The PDXDC1 protein is ubiquitously expressed in testis, duodenum and other tissues. Structurally, the encoded PDXDC1 protein is reported to be 86707 Da in mass. The PDXDC1 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mosquito, C.elegans, frog, etc. 230 organisms have orthologs with human gene PDXDC1. PDXDC1 is related to pyridoxal phosphate binding and carboxy-lyase activity. An important paralog of this gene is HDC. PDXDC1 is associated with some diseases, including Autosomal Recessive Nonsyndromic Deafness 32 and Fetal Akinesia Deformation Sequence 1.
References	Feldcamp LA, et al. (2017) Pdxdc1 modulates prepulse inhibition of acoustic startle in the mouse. Transl Psychiatry 7 (5): e1125.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdxdc1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/256352>