

Rabbit anti-Human PXMP4 Polyclonal Antibody | anti-PXMP4 antibody

Anti-PXMP4 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256672	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

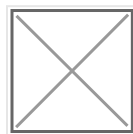
PRODUCT SYNONYMS

PXMP4; Polyclonal Antibody; Anti-PXMP4 Antibody; Rabbit Polyclonal; PXMP4 Antibody; Rabbit PAb; Antigen Affinity Purified; peroxisomal membrane protein 4; Anti-PMP24 Antibody; anti-PXMP4 antibody

PRODUCT SPECIFICATIONS

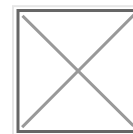
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PXMP4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PXMP4 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human PXMP4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PXMP4 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)

PXMP4 was immunoprecipitated using: Lane A: 0.5 mg COLO205 Whole Cell Lysate 4 uL anti-PXMP4 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PXMP4 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: 24 kDa. Observed band size: 24 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of PXMP4 in CACO2 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 PXMP4 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



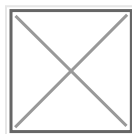
IHC (Immunohistochemistry)

Immunochemical staining of human PXMP4 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PXMP4 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PXMP4 rabbit polyclonal antibody at 1:500 dilution
Lane A: COLO205 Whole Cell Lysate
Lane B: NCI-H460 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: 24 kDa
Observed band size: 24 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PXMP4 antibody	PXMP4 (Peroxisomal Membrane Protein 4) is a Protein Coding gene. The PXMP4 gene, located on 20q11.22, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, C.elegans, M.oryzae, N.crassa, and frog. The PXMP4 gene encodes a peroxisome-associated integral membrane protein whose only known binding partner is Pex19, an intracellular chaperone and component of the peroxisomal membrane insertion machinery encoded by a candidate for the NKT cell control gene Nkt1. PXMP4 is widely expressed in lung, thyroid, and other tissues. Diseases associated with PXMP4 include Alpha-Methylacyl-CoA Racemase Deficiency. The related pathway of PXMP4 is Peroxisome. 240 organisms have orthologs with the human gene PXMP4.
References	Reguenga C, et al. (1999) Identification of a 24 kda intrinsic membrane protein from mammalian peroxisomes. Biochim Biophys Acta 1445 (3): 337-341. Jones JM, et al. (2004) Pex19 is a predominantly cytosolic chaperone and import receptor for class 1 peroxisomal membrane proteins. J Cell Biol 164 (1): 57-67. Fletcher JM, et al. (2008) Congenic analysis of the nkt cell control gene nkt2 implicates the peroxisomal protein pxmp4. J Immunol 181 (5): 3400-3412.

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/pxmp4-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/256672>