

Rabbit anti-Human CNPY2 Polyclonal Antibody | anti-CNPY2 antibody

Anti-CNPY2 Antibody, Rabbit Polyclonal

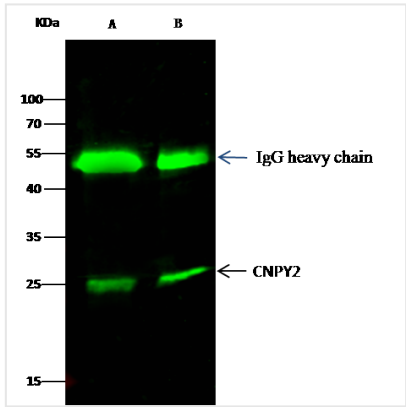
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255694	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

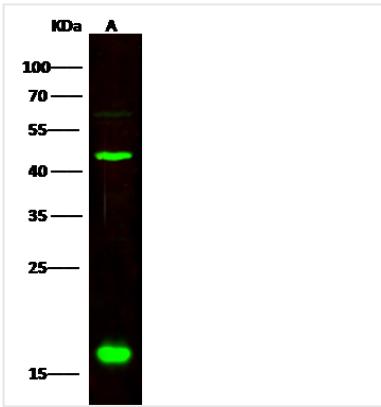
CNPY2; Polyclonal Antibody; Anti-CNPY2 Antibody; Rabbit Polyclonal; CNPY2 Antibody; Rabbit PAb; Antigen Affinity Purified; canopy FGF signaling regulator 2; Anti-HP10390 Antibody; Anti-MSAP Antibody; Anti-TMEM4 Antibody; Anti-ZSIG9 Antibody; anti-CNPY2 antibody

PRODUCT SPECIFICATIONS

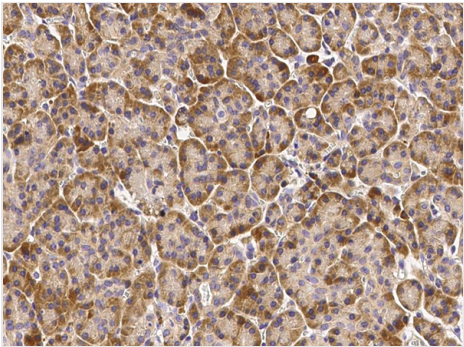
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CNPY2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CNPY2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CNPY2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CNPY2 (rh CNPY2). CNPY2 specific IgG was purified by Human CNPY2 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. Preservative-Free. Avoid repeated freeze-thaw cycles.



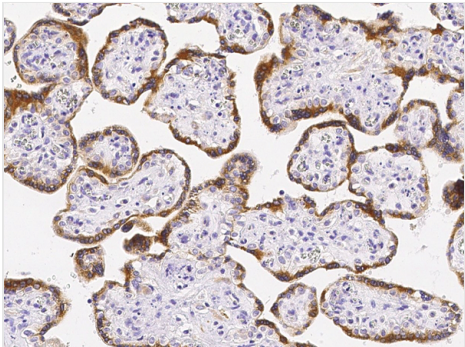
IP (Immunoprecipitation)
CNPY2 was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate; Lane B: 0.5 mg Hela Whole Cell Lysate; 2 μ L anti-CNPY2 rabbit polyclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-CNPY2 rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 21 kDa. Observed band size: 21 kDa.



WB (Western Blot)
Anti-CNPY2 rabbit polyclonal antibody at 1:500 dilution. Lane A: MCF7 Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit IgG H&L (Dylight800) at 1:10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 21 kDa. Observed band size: 17 kDa. (We are unsure as to the identity of these extra bands.)



IHC (Immunohistochemistry)
Immunochemical staining of human CNPY2 in human pancreas with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human CNPY2 in human placenta with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CNPY2 antibody	CNPY2 is a novel MIR-interacting protein that enhances neurite outgrowth and increases myosin regulatory light chain. CNPY2 enhances migration of C6 glioma cells through phosphorylation of the myosin regulatory light chain. It is expressed in different tissues, including brain. Overexpression of CNPY2 enhanced the motility of glioma cells measured in matrigel invasion chambers and using a scratch assay. Downregulation of CNPY2 by RNA interference significantly decreased glioma cell migration and phosphorylation of MRLC. Inhibition of the corresponding MRLC kinase by ML-7 did not affect migration of CNPY2-overexpressing cells.
References	Trynka G, et al. (2009) Coeliac disease-associated risk variants in TNFAIP3 and REL implicate altered NF-kappaB signalling. Gut. 58(8):1078-83. Danielsen JM, et al. (2011) Mass spectrometric analysis of lysine ubiquitylation reveals promiscuity at site level. Mol Cell Proteomics. 10(3):M110.003590. Kim W, et al. (2011) Systematic and quantitative assessment of the ubiquitin-modified proteome. Mol Cell. 44(2):325-40.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300360487
NCBI GeneID	10330
NCBI Accession #	NP_001177920.1
NCBI GenBank Nucleotide #	NM_001190991.1
UniProt Accession #	Q9Y2B0; Q9UHE9; B2R7B9

Molecular Weight	9,117 Da
NCBI Official Full Name	protein canopy homolog 2 isoform 2
NCBI Official Synonym Full Names	canopy FGF signaling regulator 2
NCBI Official Symbol	CNPY2
NCBI Official Synonym Symbols	MSAP; TMEM4; ZSIG9; HP10390
NCBI Protein Information	protein canopy homolog 2; canopy 2 homolog; transmembrane protein 4; putative secreted protein Zsig9; MIR-interacting saposin-like protein
UniProt Protein Name	Protein canopy homolog 2
UniProt Gene Name	CNPY2
UniProt Synonym Gene Names	MSAP; TMEM4; ZSIG9

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/cnpy2-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255694>