

Pyruvate Carboxylase Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Pyruvate Carboxylase
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2646175

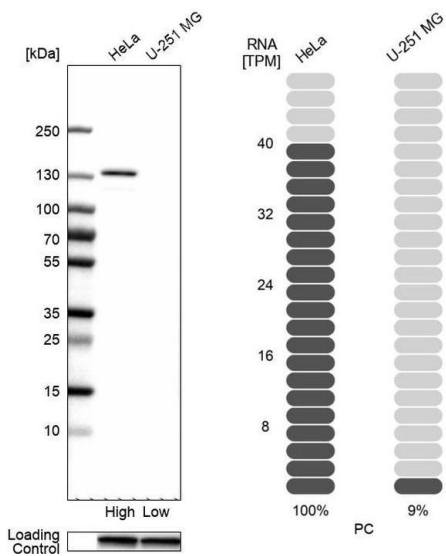
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	1 Publication
Immunohistochemistry (IHC)	1:20-1:50	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

Immunogen sequence: GADVVDVAAD MSGMTSQPS MGALVACTRG TPLDTEVPME RVFDYSEYWE GARGLYAAFD CTATMKSGNS DVYENEIPGG QYTNLHFQ

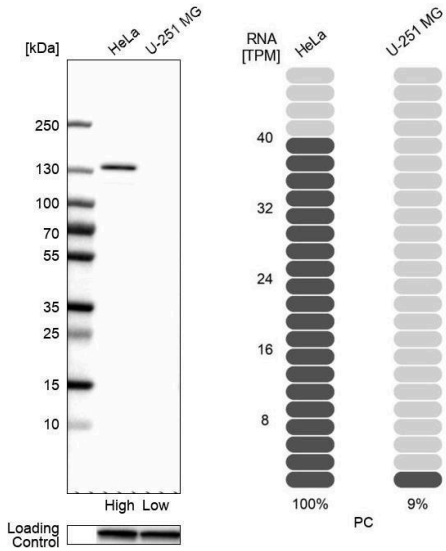
Highest antigen sequence identity to the following orthologs: Mouse - 97%, Rat - 97%.

Product Images For Pyruvate Carboxylase Polyclonal Antibody



Pyruvate Carboxylase Antibody (PA5-60552) in WB

Western blot analysis of Pyruvate Carboxylase in human cell lines HeLa and U-251MG using a Pyruvate Carboxylase Polyclonal Antibody (Product # PA5-60552). Corresponding PC RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.

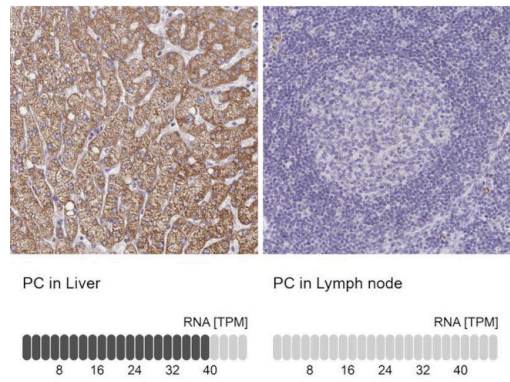


Pyruvate Carboxylase Antibody (PA5-60552)

Relative expression in western blot: Antibody specificity was demonstrated by detection of known differential basal expression of the target across tissue/cell models. Expression of Pyruvate Carboxylase was observed specifically in HeLa cells and in U-251MG cells using anti-Pyruvate Carboxylase Polyclonal Antibody (Product # PA5-60552) in western blot. The relative expression levels of Pyruvate Carboxylase within each cell line is shown using RNA-Seq. {RE}

Pyruvate Carboxylase Antibody (PA5-60552)

Relative expression in different tissues in IHC: Detection of differential expression levels of Pyruvate Carboxylase demonstrates antibody specificity. Immunohistochemical analysis of Pyruvate Carboxylase using anti-Pyruvate Carboxylase Polyclonal Antibody (Product # PA5-60552), shows significant staining of Pyruvate Carboxylase in liver and shows minimal or weak staining in lymph node tissues. The relative expression levels of Pyruvate Carboxylase within each tissue is shown using RNA-Seq. {RE}



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Western Blot (1)

<p>Nature communications</p> <p>Selective targeting of ligand-dependent and -independent signaling by GPCR conformation-specific anti-US28 intrabodies.</p> <p>"Published figure using Pyruvate Carboxylase polyclonal antibody (Product # PA5-60552) in Western Blot"</p> <p>Authors: De Groof TWM,Bergkamp ND,Heukers R,Giap T,Bebelma n MP,Goeij-de Haas R,Piersma SR,Jimenez CR, Garcia KC,Ploegh HL,Siderius M,Smit MJ</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 1:500</p>
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