

Plectin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Plectin
Form	Liquid
Concentration	0.3 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_2645646

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1:200-1:500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

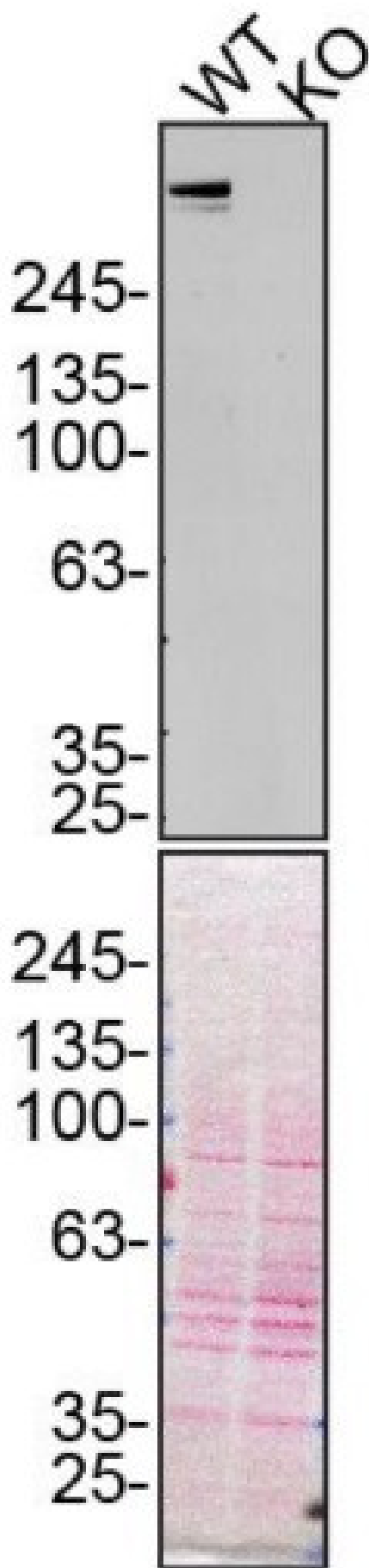
Immunogen sequence: TEIIRQQGLA SYDYVRRRLT AEDLFEARII SLETYNLLRE GTRSLREALE AESAWCYLYG TGSVAGVYLP GSRQTL SIYQ ALKKGLLSAE VARLLLEAQA A

Highest antigen sequence identity to the following orthologs: Mouse - 90%, Rat - 92%.

Product Images For Plectin Polyclonal Antibody

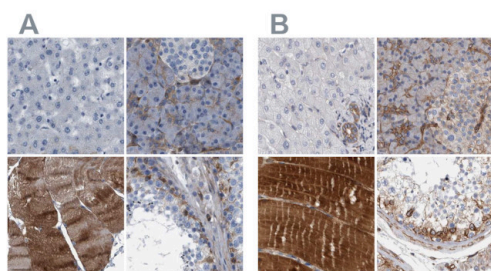
Plectin Antibody (PA5-56292)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal was observed for target protein in PLEC knockout (KO) cell line using Anti-Plectin polyclonal antibody (Product # PA5-56292). Ponceau stained transfer shown below. Data courtesy of [YCharOS Inc.](https://ycharos.com), an open science company with the mission of characterizing commercially available antibodies using knockout validation. {KO}



Plectin Antibody (PA5-56292) in IHC

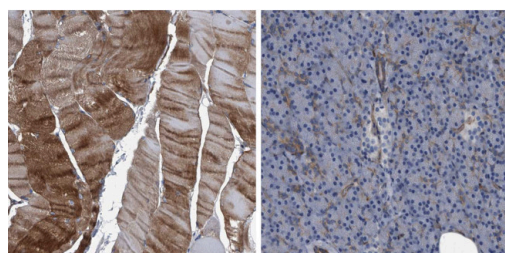
Immunohistochemical staining of Plectin in human liver, pancreas, skeletal muscle and testis using Plectin Polyclonal Antibody (Product # PA5-56292) (A) shows similar protein distribution across tissues to an independent Plectin Polyclonal Antibody (B).



Plectin Antibody (PA5-56292)

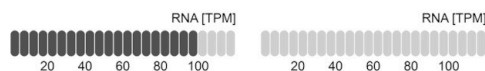
Relative expression in different tissues in IHC: Detection of differential expression levels of Plectin demonstrates antibody specificity.

Immunohistochemical analysis of Plectin using anti-Plectin Polyclonal Antibody (Product # PA5-56292), shows significant staining of Plectin in human skeletal muscle and shows minimal or weak staining in human pancreas tissues. The relative expression levels of Plectin within each tissue is shown using RNA-Seq. {RE}



PLEC in Skeletal muscle

PLEC in Pancreas



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