

# CD98 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 206-630 of human SLC3A2/CD98hc (NP_002385.3).
Form	Liquid
Concentration	0.33 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.05% ProClin 300
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2808203

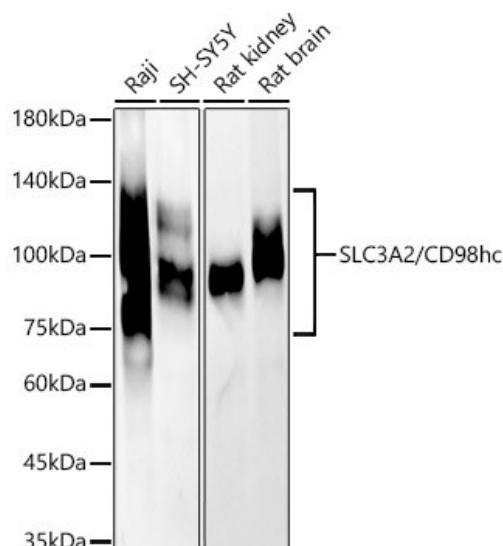
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

## Product Specific Information

Immunogen sequence: RAPRCRELPA QKWWHTGALY RIGDLQAFQG HGAGNLAGLK GRLDYLSSLK VKGLVLGPIH KNQKDDVAQT DLLQIDPNFG SKEDFDSLLQ SAKKKSIRVI LDLTPTYRGE NSWFSTQVDT VATKVKDALE FWLQAGVDGF QVRDIENLKD ASSFLAEWQN ITKGFSEDRL LIAGTNSSDL QQILSLLESN KDLLLTSSYL SDSGSTGEHT KSLVTQYLN A TGNRWCSWSL SQARLLTSFL PAQLLRLYQL MLFTLPPTPV FSYGDEIGLD AAALPGQPME APVMLWDESS FPDIPGAVSA NMTVKGQSED PGSLLSLFRR LSDQRSKERS LLHGDFHAFS AGPGLFSYIR HWDQNERFLV VLNFGDVGLS AGLQASDLPA SASLPAKADL LLSTQPGREE GSPLERLERLK LEPHEGLLLR FPYAA

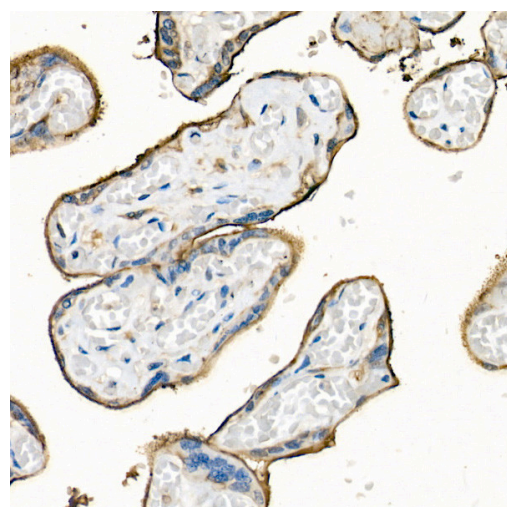
Positive Samples: 293T, MCF7, SW480, SKOV3, Mouse kidney, Mouse lung, Mouse testis, Mouse ovary; Cellular Location: Apical cell membrane, Melanosome, Single-pass type II membrane protein

## Product Images For CD98 Polyclonal Antibody



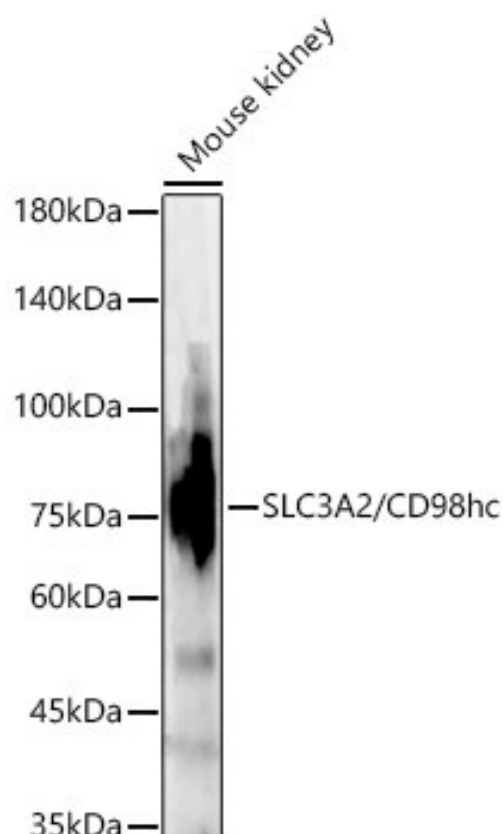
### CD98 Antibody (PA5-96401) in WB

Western blot analysis of CD98 in various lysates. Samples were incubated with CD98 Polyclonal antibody (Product # PA5-96401) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates /proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



### CD98 Antibody (PA5-96401) in IHC (P)

Immunohistochemistry analysis of CD98 in paraffin-embedded human placenta. Samples were incubated with CD98 Polyclonal antibody (Product # PA5-96401) using a dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### CD98 Antibody (PA5-96401) in WB

Western blot analysis of CD98 in mouse kidney. Samples were incubated with CD98 Polyclonal antibody (Product # PA5-96401) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates /proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

View more figures on [thermofisher.cn](https://thermofisher.cn)

2 References

Western Blot (2)

Nutrients	
<b>Leucine Supplementation in Middle-Aged Male Mice Improved Aging-Induced Vascular Remodeling and Dysfunction via Activating the Sirt1-Foxo1 Axis.</b>	
"Published figure using CD98 polyclonal antibody (Product # PA5-96401) in Western Blot"	
Authors: Hao Z,Xu G,Yuan M,Tan R,Xia Y,Liu Y,Yin X	
Year 2022	

Diabetes, metabolic syndrome and obesity : targets and therapy	
<b>The Protective Effects of Cryptochlorogenic Acid on -Cells Function in Diabetes in vivo and vitro via Inhibition of Ferroptosis.</b>	
"PA5-96401 was used in Western Blotting to show that CCA exerted excellent antidiabetic effects via inhibition of ferroptosis, so it may be a promising agent for diabetes therapy, providing a new avenue for diabetes treatment."	
Authors: Zhou Y	
Year 2022	
Species Rat	

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