

Anti-CD298 Antibody
Rabbit polyclonal antibody to CD298
Catalog # AP59972

Specification

Anti-CD298 Antibody - Product Information

Application	WB
Primary Accession	P54709
Other Accession	P97370
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31513

Anti-CD298 Antibody - Additional Information

Gene ID 483

Other Names

Sodium/potassium-transporting ATPase subunit beta-3; Sodium/potassium-dependent ATPase subunit beta-3; ATPB-3; CD298

Target/Specificity

Recognizes endogenous levels of CD298 protein.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD298 Antibody - Protein Information

Name ATP1B3

Function

This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The exact function of the beta-3 subunit is not known.

Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:Q63377}; Single-pass type II membrane protein. Basolateral cell membrane {ECO:0000250|UniProtKB:Q63377}; Single-pass type II membrane protein. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I

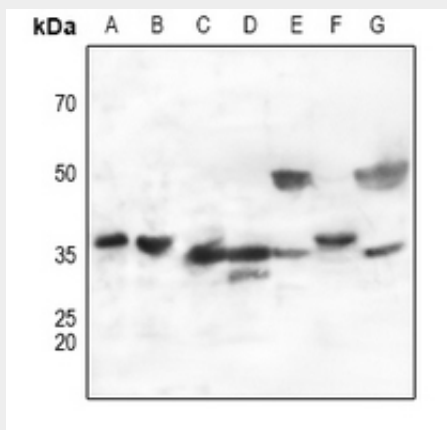
to stage IV

Anti-CD298 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD298 Antibody - Images



Western blot analysis of CD298 expression in HEK293T (A), Hela (B), A2780 (C), mouse heart (D), mouse liver (E), rat heart (F), rat liver (G) whole cell lysates.

Anti-CD298 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD298. The exact sequence is proprietary.