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Anti-CD298 Antibody

Rabbit polyclonal antibody to CD298
Catalog # AP59972

Product Information

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

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) IP~~N/A
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

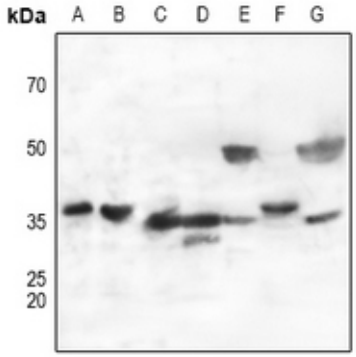
Protein Information

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

Background

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.