

AP14749PU-N**Polyclonal Antibody to CYP4F12 (C-term) - Purified**

Alternate names:	CYPIVF12, Cytochrome P450 4F12
Quantity:	0.4 ml
Concentration:	lot specific
Background:	CYP4F12 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein likely localizes to the endoplasmic reticulum.
Uniprot ID:	Q9HCS2
NCBI:	9606
GeneID:	66002
Host / Isotype:	Rabbit / Ig
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human CYP4F12.
Format:	State: Liquid purified Ig Purification: Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to CYP4F12. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Dhar,M., J. Lipid Res. 49 (3), 612-624 (2008) 2. Stark,K., Arch. Biochem. Biophys. 441 (2), 174-181 (2005) 3. Nelson,D.R., Pharmacogenetics 14 (1), 1-18 (2004)

Pictures:

Western blot analysis of anti-CYP4F12 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). CYP4F12 (arrow) was detected using the purified Pab.

