bs-14160R

[Primary Antibody]

CYP4F3 Rabbit pAb

- DATASHEET ------



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DITINGILL	- 1			
Host: Rabbit		Isotype: IgG	Applications: WB (1:500-2000)	
Clonality: Polyclonal				IHC-P (1:100-500) IHC-F (1:100-500)
GenelD: 4051				IF (1:100-500)
Target: CYP4F3				ICC/IF (1:100-500)
Immunogen:	mmunogen: KLH conjugated synthetic peptide derived from human CYP4F3: 51-150/520.		Reactivity:	(predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog,
Purification: affinity purified by Protein A			Horse)	
Concentration: 1mg/ml			Predicted	
Storage:	Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		MW.: ^{60 kDa} Subcellular Location: ^{Cytoplasm}	
Background:	This gene, CYP4F3, encodes a me superfamily of enzymes. The cyt monooxygenases which catalyze metabolism and synthesis of cho This protein localizes to the endo starts the process of inactivating potent mediator of inflammation cytochrome P450 genes on chro this family, CYP4F8, is approxima variants encoding two different i gene. [provided by RefSeq, Nov 2	ember of the cytochrome P450 ochrome P450 proteins are a many reactions involved in drug olesterol, steroids and other lipids. oplasmic reticulum. The enzyme g and degrading leukotriene B4, a n. This gene is part of a cluster of mosome 19. Another member of ately 18 kb away. Three transcript soforms have been found for this 2010]		

- SELECTED CITATIONS ------

- [IF=5.738] Jie Wen. et al. OIT3 serves as a novel biomarker of hepatocellular carcinoma by mediating ferroptosis <i>via</i> regulating the arachidonic acid metabolism.. FRONT ONCOL. 2022 Sep;12:977348-977348 WB ;Human. 36132142
- [IF=4.6] Tang Xiao-Li. et al. Establishment of a neutrophil extracellular trap-related prognostic signature for colorectal cancer liver metastasis and expression validation of CYP4F3. CLIN EXP MED. 2024 Dec;24(1):1-16 IHC ;Human. 38795162
- [IF=4.5] Ziyang Xu. et al. Cytochrome P450 F3 promotes colorectal cancer via inhibiting NRF2-mediated ferroptosis. TRANSL ONCOL. 2024 Oct;48:102077 IHC,WB,IF ;Mouse,Human. 39106550